

Green Collar Jobs Council Membership Roster	
Barry Sedlik ** Chair President CA Business Ventures Pasadena, CA	Doug Hoffner, Acting Secretary Labor and Workforce Development Agency (LWDA) Sacramento, CA
Jamil Dada, Senior Financial Manager Provident Bank Riverside, CA	Marty Keller, Director Office of the Small Business Advocate Governor's Office of Planning & Research Sacramento, CA
Bob Balgenorth, President State Building and Construction Trades Council of California Sacramento, CA	Stewart Knox, Chair California Workforce Association Yuba City, CA
The Honorable Karen Bass Speaker /District 47 California State Assembly District 47 V. Manuel Perez Assemblymember/80 th District State Capitol, Sacramento, CA	Brian McMahon, Director California Employment and Training Panel Sacramento, CA
Kim Belshé, Secretary California Health and Human Services Agency Sacramento, CA	The Honorable Jack O'Connell State Superintendent of Public Instruction Sacramento, CA
Norris Bishton, Attorney NOARUS Auto Group Los Angeles, CA	Art Pulaski, Executive Secretary/Treasurer California Labor Federation, AFL-CIO Oakland, CA
Dale Bonner, Secretary Business, Transportation and Housing Agency Sacramento, CA	Timothy Simon, Commissioner California Public Utilities Commission San Francisco, CA
Karen Douglas, Commissioner California Energy Commission Sacramento, CA	Jack Scott, Chancellor California Community Colleges Sacramento, CA
The Honorable Denise Ducheny Senator 40 th District California State Senate	The Honorable Sandré Swanson Assembly Member District 16 California State Assembly
James Goldstene, Director Air Resources Board Sacramento, CA	Audrey Taylor, President/ CEO Chabin Concepts, Inc. Chico, CA
Randall Hernandez, Sr. V.P/Sr. Public Policy Executive Bank of America Foundation Long Beach, CA	Willie Washington, Consultant California Manufacturers & Technology Association Sacramento, CA

LOCAL WORKFORCE INVESTMENT BOARDS INVOLVEMENT IN GREEN JOBS INITIATIVES

Working Draft

WORKFORCE INVESTMENT BOARDS	COMMENTS
Anaheim WIB	<ul style="list-style-type: none"> Planning to co-host an Energy/Environment Industry Forum in partnership with Santa Ana and Orange County WIBs.
Alameda County WIB	<ul style="list-style-type: none"> Actively involved in the East Bay Green Academy Planning Initiative, which includes an East Bay Green Energy Pathways Proposal. This is a public/private and academic partnership that will serve both Alameda and Contra Costa Counties. Participating in the “Green Tech Cluster” that is currently developing an appropriate workforce development strategy that will simultaneously meet industry needs and address the region’s social and environment goals. Aligning workforce and economic development goals of the partner cities in the East Bay Green Corridor (Berkeley, Emeryville, Oakland, Richmond) w/ the East Bay Green Academy and Green Tech Cluster planning.
Contra Costa County WIB	<ul style="list-style-type: none"> Attending meetings with the larger Bay Area region water district supervisors. Helping coordinate a regional meeting in May with corresponding WIBS and water districts to begin mapping out strategies to address workforce needs. Collecting data specific to when and how big the need will be for operators for their districts. Shortage means potential health and safety issues for the public water system. Clearly green and urgent. All WIBs in the area will convene in May to hear the scope of the issues and to design a response to begin addressing this regional and pressing issue. The Workforce Development Board, in partnership with EastBay MUD is coordinating this discussion.
Foothill WIB	<ul style="list-style-type: none"> Having regional meetings on Green Jobs. All the WIBs in LA County are participating or committed to participate.
Fresno WIB	<ul style="list-style-type: none"> Participating with all the members of the Central Valley Workforce Collaborative, who have adopted Renewable Energy as one of five regional sectors we will be focusing on under the California Partnership for the San Joaquin Valley.
Golden Sierra WIB	<ul style="list-style-type: none"> Joined with Sacramento to request WIA 15% funds to retrain residential construction workers in a variety of clean energy skills. Partner with SETA, Valley Vision and other regional and local governments to sponsor regional green/clean energy roundtables across LWIA boundaries. Participation in the regional Clean Air Partnership Participation in the regional Clean Energy Action Team Partnership with Sierra College to obtain \$468,000 for photovoltaic curriculum development programs in addition to training in solar technology for building inspectors (funded through chancellor's office).
Humboldt Country WIB	<ul style="list-style-type: none"> Working with NoRTEC and NCCC on numerous initiatives that include green jobs, bio-fuel, wind energy, solar, almost anything in alternative fuels.

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Imperial County Employment & Training	<ul style="list-style-type: none"> • Currently meeting with a variety of officials and company executives regarding the creation and expansion of green jobs in the County. • An Alternative Energy Summit was held last week and people from different parts of the Country and some foreign countries attended. Concentrating on Geothermal, which is already present and active in Imperial County, Solar Power, Wind Power and Ethanol Production. • Involved in both the economic development aspects and workforce preparation. Currently work with Geothermal in providing Workforce information and referrals and within the next year, plan to be seriously engaged in providing training and support to both the solar and ethanol entities, which are in the process of locating in Imperial County.
Kern, Inyo, Mono WIB	<ul style="list-style-type: none"> • Participating with all the members of the Central Valley Workforce Collaborative, who have adopted Renewable Energy as one of five regional sectors we will be focusing on under the California Partnership for the San Joaquin Valley.
Kings County Job Training Office	<ul style="list-style-type: none"> • Participating with all the members of the Central Valley Workforce Collaborative (CCWC), who have adopted Renewable Energy as one of five regional sectors we will be focusing on under the California Partnership for the San Joaquin Valley.
City of Los Angeles WIB	<ul style="list-style-type: none"> • Attending regional meetings on Green Jobs held by South Bay. All the WIBs in LA County are participating or committed to participate. • The City of LA will be releasing an RFP on May 7th regarding Green Technology. • The City has conducted a survey of City buildings to retro and signed a Green Building Ordinance on 4/22/08 to promote green building practices in the private sector. The ordinance would require reduction of the City's carbon emissions by more than 80,000 tons by 2012. • The City has developed an aggressive municipal green building plan. The plan calls for the City to reduce its own carbon footprint by 35% by 2030. City buildings will be retrofitted as part of this plan. It is possible that savings from the retrofitting may be used for workforce development related to these projects.
Los Angeles County WIB	<ul style="list-style-type: none"> • Attending regional meetings on Green Jobs held by South Bay. All the WIBs in LA County are participating or committed to participate. • The California Green Jobs Training and Employment Coalition is a demand-driven alliance of workforce development entities guided by input from private and public stakeholders in the green movement. The Coalition's primary goal is to build a clean technology, livable-wage workforce that responds to industry demands and supports economic development and growth in our communities, in our region and in our state. The Coalition is made up of Los Angeles Workforce Investment Area WIBS, including Los Angeles County WIB, Los Angeles City WIB, South Bay WIB, Verdugo WIB, Foothill WIB as well as EDD, Community College representatives and others. • According to a recent study commissioned by the City of Los Angeles Workforce Investment Board, among the top demand occupations in Los

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	<p>Angeles' green technology sector are electricians, plumbers and pipe-fitters, carpenters, construction laborers and general and operations managers. Further, the largest "middle-skill" occupations in Los Angeles' green technology industries requiring an average of 1.5 years or less of training and education, include: electricians; architectural drafters; plumbers and pipefitters; sheet metal workers; carpenters; bookkeepers and auditors; secretaries; general helpers-electricians; construction laborers; office clerks—general; and refuse and recyclable collectors.</p> <ul style="list-style-type: none"> • In Southern California, mounting anecdotal evidence, which includes large-scale solar panel installation projects by major public utilities, suggests that demand for Photovoltaic Installers will soon accelerate. • Based on first two meetings, it is clear that a strategic plan for the Coalition is needed and that certain aspects of the effort require focused work by smaller groups. • The Coalition scheduled a half-day session for all interested Coalition members in which the group will have an opportunity to draft an action plan that will provide direction to the Coalition's immediate and future efforts.
Madera County WIB	<ul style="list-style-type: none"> • Participating with all the members of the Central Valley Workforce Collaborative, who have adopted Renewable Energy as one of five regional sectors we will be focusing on under the California Partnership for the San Joaquin Valley. • Adopted Renewable Energy as one of their identified industries/sectors, however, is in the formative stage of having discussions specific to green jobs.
Marin County WIB	<ul style="list-style-type: none"> • Working on green jobs, mainly around solar panel installation training.
Mendocino County WIB	<ul style="list-style-type: none"> • No current activity
Merced WIB	<ul style="list-style-type: none"> • Alternative energy and green job skills have been identified as a focus by the WIB. Alternative energy (solar) is an emerging sector in Merced and green job skills are evident in all sectors adopted by the WIB. • Participating with all the members of the Central Valley Workforce Collaborative, who have adopted Renewable Energy as one of five regional sectors we will be focusing on under the California Partnership for the San Joaquin Valley.
Monterey County WIB	<ul style="list-style-type: none"> • No current activity
Mother Lode WIB	<ul style="list-style-type: none"> • Participating with all the members of the Central Valley Workforce Collaborative, who have adopted Renewable Energy as one of five regional sectors we will be focusing on under the California Partnership for the San Joaquin Valley.
Napa Valley WIB	<ul style="list-style-type: none"> • Participating in the Sustainable Napa County Initiative - The WIB Executive Director serves on the leadership team of a community wide group of private and public executives that are trying to reduce the carbon footprint of Napa County. • One strategy is to build an economy that leverages the high level of investment into green technology; and to deliver a workforce for potential green companies. • The WIB Director serves as the Co-Chair of the Education/Workforce Subcommittee. • Through its participation in this leadership group, the WIB will continue to

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	leverage the expertise of key community stakeholders from NASA, Environmental Protection Agency, local Foundations, County and city officials, Napa Valley College and others as it explores the potential for a “green collar” workforce in Napa County.
North Central Counties Consortium (NCCC)	<ul style="list-style-type: none"> • Working with NCCC and Humboldt on numerous initiatives that include green jobs, bio-fuel, wind energy, solar, almost anything in alternative fuels. • NoRTEC, and NCCC through WIRED has also worked with three community colleges to develop trainings along the lines of Hybrid cars, bio diesel and wind energy farms. Also currently in talks with PG&E for specialized trainings. • Invenergy is located in the Lassen area and is planning a large wind energy farm. In addition to that the local • Our One-Stop is working with the college to design curriculum with the industry.
North Valley Job Training Consortium (NOVA)	<ul style="list-style-type: none"> • Mike Curran is a founding member of the SolarTech Initiative, the partnership has: <ul style="list-style-type: none"> *Helped design and submit an Industry Driven Regional Collaborative grant awarded to Foothill-DeAnza Community College for \$645K in October 2007. DeAnza project managing activities with actual training taking place at San Jose City College and Cabrillo College in Santa Cruz beginning in Spring 2008, with Ohlone College bringing the course to their campus Fall 2008. Instruction was initiated with a curriculum that was developed with industry input and is geared toward students being prepared to take the North American Board of Certified Energy Practitioners entry-level certification. *Among the three colleges offering training, five classes of instruction/lab have taken place with a total of more than 130 students trained. All classes have had an extensive waiting list. Exploration of a straight lecture class is being considered by the Community College since many students are not specifically looking to be an installer but hungry for the knowledge to enter the Solar Industry. *Following the curriculum portion, students can have the option of participating in an employer paid internship opportunity. NOVA is working with the Silicon Valley Leadership Group to contact local Solar Installer companies for internship positions and is coordinating the referral process/matching system between employers and students. *Solar IDRC grant ends June 2009 as will the work experience/internship opportunity for students however, the Solar Installation classes will continue at the Community College. A collaboration with Bayside Solutions, a staffing firm with a green division, has been initiated as an option for student placements and to sustain the placement component after the grant ends. Additionally volunteer placements with Habitat for Humanity and Grid Alternatives is being explored. *Web-based internship coordination deliverables include: Employer Commitment Form, Employer Handbook, Student Profile Internship Registration Form, Student Intern Handbook, Employer Evaluation form (post internship). *Facilitated meetings and coordinated with local One-Stops including: NOVA, Work2Future, Santa Cruz WIB, Alameda County WIB. Produced web accessible marketing information materials for One-Stops such as: Profile of PV

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	<p>Solar Installer; PV Solar Installer Self-Assessment; NABCEP information; community college training course information; Bay Region Solar Industry Workforce Study by Economic and Workforce Development through California Community Colleges.</p> <ul style="list-style-type: none"> • Clean Energy and Green Building Careers in Silicon Valley: NOVA will host a forum highlighting 40+ occupations in Clean Energy and Green Building Careers in Silicon Valley. The majority of the occupations highlighted in Clean Energy are in the Solar Industry.
Northern Rural Training and Employment Consortium (NORTEC)	<ul style="list-style-type: none"> • Working on numerous initiatives with NCCC and Humboldt that include green jobs, bio-fuel, wind energy, solar, almost anything in alternative fuels. • Both Tehama and Shasta Counties have partnered with Shasta College on two grant applications through the Chancellor's Office: Building Green Industry Driven Regional Collaborative to create an emerging technologies project in the field of green construction technology (\$431,000 for a two-year grant). • Renewable Energy Project (IDRC) to develop programs for training in emerging technologies relating to wind generation and photovoltaics. Both grants have been approved, but funding not confirmed. • AFDW is working with Renegy to assist with workforce development, to include the development of a job-training program in conjunction with STEM and the development of education programs to prep people for high skilled jobs within the renewable energy field. A project that is being discussed is training the company's workforce after hire, with Lassen Community College establishing continuing education classes. AFDW, in conjunction with the STEM project, would provide the training for employees after hire. • AFDW would monitor a training plan that the renewable energy company implements. Since Renegy is planning to re open the facility in just a few months, looking at post hire training, as opposed to pre hire training. A second STEM project involves internships and on the job training programs, where AFDW will work with Renegy to assist with the placement of youth (and other) clients into internships or on the job trainings to facilitate the training of the workforce. AFDW would develop and monitor the training program and the company would provide the on-site training. In addition, Renegy expressed initial interest in coming to the table and participating in the development of a college curriculum for the renewable energy industry.
Oakland Workforce Investment Board	<ul style="list-style-type: none"> • Participating in the "Green Tech Cluster" that is currently developing an appropriate workforce development strategy that will simultaneously meet industry needs and address the region's social and environment goals. • Aligning workforce and economic development goals of the partner cities in the East Bay Green Corridor (Berkeley, Emeryville, Oakland, Richmond) w/ the East Bay Green Academy and Green Tech Cluster planning. • The following website contains a report with additional information. Pages 23-26 specifically outline Oakland's green jobs priorities, strategies and initiatives. http://www.oaklandpartnership.com/reports/economy.asp
Orange County WIB	<ul style="list-style-type: none"> • Pending Rapid Response Special Project application entitled "TURNING ORANGE COUNTY GREEN." The project is to provide Orange County businesses with better access to training and information on growing green industries,

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	<p>cleaner technologies and greener ways of doing business. The project joins the increasing nationwide focus on energy and environment issues which includes the implementation of green technologies.</p> <ul style="list-style-type: none"> • The WIB will also be co-hosting an Energy/Environment Industry Forum in partnership with Santa Ana and Anaheim WIBs.
Pacific Gateway Workforce Investment Network	<ul style="list-style-type: none"> • Attending regional meetings on Green Jobs held by South Bay. All the WIBs in LA County are participating or committed to participate. • Pacific Gateway has a partnership (funded April 2008) with Long Beach Community College District under an Industry Driven Regional Collaborative to train and place workers through a Liquefied Natural Gas (LNG)/Green Diesel Heavy Truck repair grant. • Ongoing project with the Environmental Protection Agency to train and place workers in remediation of soil and handling of waste.
Richmond Works	<ul style="list-style-type: none"> • Actively advocating for and supporting green-collar training for nearly one year. Our RichmondBUILD pre-apprenticeship construction skills training program includes a solar installation component that was developed and implemented in partnership with Solar Richmond, Solar Living Institute, & GRID Alternatives and, to date, several of our graduates are now working as solar installers and making a livable wage. • Training program provides hands-on instruction and it also includes a "live" installation of a solar system for a low-income homeowner in our City. The solar installation system is paid for by our housing department's HOME/CDBG program. The program was implemented to help curtail youth violence.
Riverside County WIB	<ul style="list-style-type: none"> • Launched a Regional Clusters of Opportunity initiative with San Bernardino. The Green Industry is one of the clusters to be explored. Also involved with the Green Valley Initiative spearheaded by a separate organization.
Sacramento WIB	<ul style="list-style-type: none"> • Initiative with American River College, Holt, Sacramento Regional Transit, California Labor Federation, and County Office of Education to start up a Clean Diesel mechanic program at the college. Funding from WIA, Chancellors office, and employers. • Part of Clean Energy Action Team, a regional effort called Partnership for Prosperity to position Sacramento as the premier region in the nation for high-value, clean technology companies and elevate the region's visibility both nationally and internationally. • Lead agency in recruiting and screening qualified candidates for OptiSolar, Inc., one of the largest photo-voltaic panel manufacturing plants in the world, which recently signed a lease for space to open a 600,000 square foot solar panel manufacturing plant in Sacramento County at McClellan Park. OptiSolar will create over 500 jobs over the next three years at the manufacturing plant. • Initiative with Community Resource Project, Sacramento Metropolitan Utility District, American River College, California Community Services and Development Department (CSD) to implement California Solar Initiative in the region with the goal of increasing the number of low-income homes using solar power and developing a pipeline for Solar Energy Systems Installers. • The City of Sacramento will receive funding (\$200,000) from the US Department of Energy to advance solar technologies city wide and has been

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	<p>named by DOE as one of 12 Solar American Cities.</p> <ul style="list-style-type: none"> Sierra College was awarded \$470,000 (from the State Chancellor's Office) for a photovoltaic Installer Training to educate future "green collar" workforce for solar companies, contractors and local government in the region. In addition, American River College is also beginning a Solar Energy Technician training. Golden Sierra and Sacramento have joined together to request WIA 15% funds to retrain residential construction workers in a variety of clean energy skills.
San Benito County WIB City of San Bernardino WIB	<ul style="list-style-type: none"> No current activity Launched a Regional Clusters of Opportunity initiative with Riverside and San Bernardino County WIBs. The Green Industry is one of the clusters.
San Bernardino County WIB	<ul style="list-style-type: none"> Launched a Regional Clusters of Opportunity initiative with Riverside and San Bernardino City WIBs. The Green Industry is one of the clusters.
San Diego Workforce Partnership, Inc.	<ul style="list-style-type: none"> Participating in regional Cleantech collaborative hosted by the San Diego Regional Economic Development Corporation and the City of San Diego that is working to create a green cluster of industries in Agriculture, Air and Environment, Materials, Energy, Manufacturing, Recycling and Waste, Transportation, and Water and Wastewater. Conducting research with Cleantech companies to determine whether or not San Diego has a true green sector. Based on responses, employers will be interviewed further to identify future employment needs, and/or skills gap training and retraining. Collaborating with the Center for Sustainable Energy to develop a customized training for GeoThermal installers.
San Francisco WIB	<ul style="list-style-type: none"> Developing workforce strategies to target green collar jobs in green construction, solar installation, greening/landscaping, energy efficiency, and recycling.
San Joaquin WIB	<ul style="list-style-type: none"> Participating with all the members of the Central Valley Workforce Collaborative (CCWC), who have adopted Renewable Energy as one of five regional sectors we will be focusing on under the California Partnership for the San Joaquin Valley.
San Luis Obispo County WIB	<ul style="list-style-type: none"> Working with the California Conservation Corps on training for their corps members in working with tree planting and habitat restoration.
San Mateo WIB	<ul style="list-style-type: none"> Approval of a resolution on April 22, 2008, by the San Mateo County Board of Supervisors calling for a county wide summit to support and develop green collar jobs. This initiative was developed in collaboration with the San Mateo Workforce Investment Board, the Human Services Agency, and workforce community partners. The Workforce Investment Board and the One Stops will have a leading role in supporting this initiative and executing on the plan. SolarCity is a leading solar employer in San Mateo County. This employer partner has worked closely with our community colleges and has developed several exciting new resources to support the workforce. SolarCity has received approval for a federal apprenticeship training program, which they have built. SolarCity has worked with the community colleges to assist in the development of curriculum to train the workforce for solar related jobs.

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	<ul style="list-style-type: none"> • JobTrain is a One Stop Operator and one of the leading workforce community partners in San Mateo County. They have recently launched a new solar installation training course and are already training clients in this exciting new course. • San Mateo's One Stop system (PeninsulaWorks) has been and continues to actively screen and refer clients to green technology -related employers, particularly solar employers.
Santa Ana WIB	<ul style="list-style-type: none"> • Planning to co-cost an Energy/Environment Industry Forum in partnership with Orange County and Anaheim WIBs.
Santa Barbara County WIB	<ul style="list-style-type: none"> • Posting "Green2Gold" notices to all WIB members from a former WIB member who is active in the Green2Gold movement.
Santa Cruz County WIB	<ul style="list-style-type: none"> • Facilitated meetings with NOVA, San Jose Workforce Board/Work2Future/IBT and San Jose City College, as well as Santa Cruz Workforce Investment Board and Cabrillo College to market solar program for dislocated worker population and underemployed/working poor. • Created a listing of locally-approved ETPL vendors that provide training in green careers • Participated in NOVA's community forum on Clean Energy and Green Building Careers • Provided a presentation to the Santa Cruz Youth Council on the Santa Cruz County Office of Education's newly created Natural Bridges Green Career Center, which utilizes CTE funding to provide classes in sustainable agriculture, solar technology, green building techniques and environmental protection.
Silicon Valley WIN-Work 2 Future	<ul style="list-style-type: none"> • Received ETP \$ to support training of 200 NanoSolar employees • Will receive \$500K of CDBG funds to train approx. 60 adults in careers in clean and green technology. Program start is July 1, 2008 • Facilitated meetings with NOVA, San Jose Workforce Board/Work2Future(W2F)/IBT and San Jose City College, Santa Cruz Workforce Board and Cabrillo College to market Solar program for dislocated worker population, and underemployed/working poor. • At our flagship One-Stop, the International Association of Nanotechnology has a dry lab and they are training people for careers in clean and green. They also host quarterly forums with venture capitalists, businesses, and research and trade association • Beginning July 1, a consortium of solar energy companies, SolarTec, will locate their administrative offices to our flagship one-stop. SolarTec is similar to SemiTec is that it will serve as the industry hub to develop standards, testing protocols, federal/state policies, training curriculum and serve as a catalyst for research and development and connections with the venture capitalist community.
Solano County WIB	<ul style="list-style-type: none"> • Working with WIBs from Sonoma, Marin, and Napa (North Bay Employment Connection) to identify green job initiatives including solar, wind and geothermal. • Last year the NBEC had a retreat with the four counties, WIB leadership, regional community colleges and others and identified green industries as the targeted industry sector for research and development and dialogue with

WORKFORCE INVESTMENT BOARDS	COMMENTS
	<p>employers and education partners to determine curricula already in place and what needs to be developed.</p> <ul style="list-style-type: none"> • Solano is well positioned as a principal location for electric generation for wind power. • An electric car manufacturer is currently considering locating in the county.
Sonoma County WIB	<ul style="list-style-type: none"> • Sonoma County has established a group of stakeholders to start a collaborative partnership in energy-related workforce issues. Partners include K-12 (the Superintendent of Schools), Santa Rosa Junior College, Sonoma State University, the County of Sonoma, the Water • Agency, the WIB, PG&E, and others. We are committed to work together to improve the energy workforce infrastructure of Sonoma County, with more meetings in the future to partner on specific projects. • Partnering with the Sonoma County Economic Development Board, the Sonoma Innovation Council which is looking at many renewable resources, including energy, water and workforce. • The Sonoma County WIB is working with WIBs from Solano, Marin, and Napa (North Bay Employment Connection) to identify green job initiatives including solar, wind and geothermal.
South Bay WIB	<ul style="list-style-type: none"> • Holding regional meetings on Green Jobs. All the WIBs in LA County are participating or committed to participate. • Organizing the California Green Jobs Training and Employment Coalition (Coalition), an alliance of key California workforce development entities and public and private industry leaders to develop human capital for Green Jobs and a green future. • The Coalition is finding that included among the top demand occupations in Los Angeles' green technology sector are electricians, plumbers and pipe fitters, carpenters, construction laborers and general and operations managers. Also know that the largest middle-skill occupations in Los Angeles' green technology industries requiring an average of 1.5 years or less of training and education include: <ul style="list-style-type: none"> Electricians Architectural Drafters Plumbers and Pipefitters Sheet Metal Workers Carpenters Bookkeepers and Auditors Secretaries, General Helpers-Electricians Construction Laborers Office Clerks, General Refuse and Recyclable Collectors <p>The Coalition:</p> <ul style="list-style-type: none"> • Joining the South Bay Workforce Investment Board and the Los Angeles-Ventura Workforce Services Division of the California EDD are the following local workforce investment boards in Los Angeles County: <ul style="list-style-type: none"> The City of Los Angeles Workforce Investment Board The County of Los Angeles Workforce Investment Board

WORKFORCE INVESTMENT BOARDS	COMMENTS
	<p>The Verdugo Workforce Investment Board The Foothill Workforce Investment Board The SELACO Workforce Investment Board Pacific Gateway Workforce Investment Network</p> <ul style="list-style-type: none"> • Southern California Edison (SCE) and the Los Angeles County Economic Development Corporation have already attended an initial Coalition meeting and have expressed interest in participating as lead members. In addition to the East Los Angeles Skill Center, which is a part of the Los Angeles Unified School District, the growing list of participating community colleges includes El Camino College, Los Angeles Southwest College, Los Angeles Harbor College, Santa Monica College and Rio Hondo College. • Other public and private industry partners expected to join the Coalition as members of its "Industry Intelligence Group" include, but are not limited to: <ul style="list-style-type: none"> The Los Angeles Department of Water and Power The Metropolitan Transportation Authority (MTA) The Port of Los Angeles Los Angeles World Airports South Coast Air Quality Management District Semptra Energy The Gas Company West Basin Water District BP (British Petroleum) • The Coalition will serve as a membership-wide umbrella to support the pursuit and acquisition of public and private funding for large-scale Green Jobs initiatives in California, and as an umbrella for sub-sets of partners working on smaller, localized or need-specific projects. • The Coalition members are currently forming work-groups to focus on a variety of areas. • A progress report and proposal for funding are being developed for the honorable Hilda Solis, Congressional Representative, 32nd District and co-author of the federal Green Jobs Act of 2007, to launch and support the Coalition's initial activities.
South East Los Angeles County WIB	<ul style="list-style-type: none"> • Attending regional meetings on Green Jobs held by South Bay. All the WIBs in LA County are participating or committed to participate.
Stanislaus County Department of Employment and Training	<ul style="list-style-type: none"> • Participating with all the members of the Central Valley Workforce Collaborative, who have adopted Renewable Energy as one of five regional sectors we will be focusing on under the California Partnership for the San Joaquin Valley.
Tulare County WIB Inc.	<ul style="list-style-type: none"> • Participating with all the members of the Central Valley Workforce Collaborative, who have adopted Renewable Energy as one of five regional sectors we will be focusing on under the California Partnership for the San Joaquin Valley.
Ventura County WIB	<ul style="list-style-type: none"> • Participating in discussions with the Economic Development Collaborative.
Verdugo WIB	<ul style="list-style-type: none"> • Working with the 6 other WIBs and some community colleges on a green jobs initiative for L.A., led by South Bay WIB.
Yolo County WIB	<ul style="list-style-type: none"> • No current activity

CA Workforce Investment Board

Planning Unit: Green Jobs

Fiscal Year: 2009

ONE
PAGE
PLAN

Barbara Halsey, Executive Director

Last Updated: 02/09/2009



vision

Over the next 18 to 24 months the GCJC will identify and facilitate the development of the framework, funding, strategies, programs, policies, partnerships and opportunities necessary to address the need for a highly skilled and well-trained workforce in support of California's green businesses and economy. Through its work, the council will serve as a catalyst for the creation of sustainable regional sector strategies that will be managed through regional partnerships.



Catalyze California's Green Economy... Facilitate Green Job Creation!



objectives

- Generate ____ jobs that support the green economy over the next 18 months
- Increase private/public funding supporting green job creation from \$____ to \$____
- Increase the green share of the State Domestic Product from \$____ to \$____
- Increase number of students completing green training programs from ____ to ____



strategies

- Neutral broker: guide discovery, advocacy, investments, direction & accountability
- Serve as statewide hub & nat'l model: cultivating funded Green Workforce Initiatives
- Strengthen reg. competitiveness by incentivizing data driven planning & measure results
- Ensure creation/sustainability of sector strategy by fostering regional partnerships.
- Form strat alliances with business to understand their green workforce needs
- Increase educ pathways that lead low wage workers to well-paying jobs.
- Ensure entrepreneurs receive training necessary to create/compete in green economy.



action plans

- Data Collection/Baseline Analysis:
- Sector Strategy:
- Strategic Alliances:
- Funding:
- Communication/Outreach:
- Advocacy:
- Technology:
- Entrepreneurship:

ACTION PLAN CATEGORIES

TIMELINE OF ACTIONS
DRAFT

	SECTOR STRATEGIES	COMMUNICATION OUTREACH	TECHNOLOGY	GREEN TRAINING PROGRAMS	DATA COLLECTION	STRATEGIC ALLIANCES	FUNDING	ENTREPREN.	POLICY
10 days	Identify sectors to concentrate efforts Send draft AB 3018 Annual Report to Council members (CWIB, March 13)			Inventory all existing training programs by occupations (CDE, CCC, CSU, ETP, Labor)	Compile one matrix of green collar jobs (from EDD/LMID 22 jobs 2006-2016 Data already done)	Map or flowchart players and stimulus funding (incl. cross links and number of jobs, related to funding inventory)	Complete inventory of all stimulus funds (amounts, funding cycles, deadlines)		NO TIME FRAME FOR THESE ACTIONS Create policy agenda Identify deadlines of current regulations / legislation
30 days	Release Regional Economic Recovery(BTH, April 1) Submit AB 3018 Annual Report to the Legislature (CWIB, April 1) Develop statewide model for weatherization	Create calendar of events matrix including conferences (Approx. 30-60 days) Participate in conferences (i.e., data collection, panelists, presenters, etc.)		Identify gaps in current programs (best we can do in 30 days and then ongoing)	Analyze where and how jobs will be created as a result of the stimulus funds (best we can do in 30 days and then ongoing)	Inventory of pre-existing resources <ul style="list-style-type: none"> Information Funding sources How will local WIBs target stimulus funds 	Create a team for stimulus funding grants		Determine restrictions on stimulus funds Determine who provides oversight of programs / funds? Define standards for investments
60 days				Identify successful training programs to concentrate efforts and link to economic data (CDE?)	Analysis the impact of AB 32 on jobs (CPUC 60 days, UC Berkeley has done modeling)		Prepare a matrix of energy incentives		

SOC Code	Occupational Title	Annual Average Employment		Top Industries Employing Selected Occupations		
		2006	2016			
17-1011	Architects, Except Landscape	15,700	16,900	Architectural, Engineering, and Related Services	Management of Companies and Enterprises	Crop Production
51-2092	Assemblers (Team)	97,700	104,500	Employment Services	Medical Equipment and Supplies Manufacturing	Semiconductor and Other Electronic Component Manufacturing
49-3023	Automotive Service Technicians and Mechanics	79,000	90,200	Automobile Dealers	Automotive Repair and Maintenance	Automotive Parts, Accessories, and Tire Stores
19-4021	Biological Technicians	10,400	13,500	Scientific Research and Development Services	Colleges, Universities, and Professional Schools	Federal Government
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	28,500	32,200	Automotive Repair and Maintenance	Local Government	General Freight Trucking
47-2031	Carpenters	210,000	235,700	Residential Building Construction	Foundation, Structure, and Building Exterior Contractors	Building Finishing Contractors
19-4031	Chemical Technicians	5,400	6,300	Architectural, Engineering, and Related Services	Pharmaceutical and Medicine Manufacturing	Scientific Research and Development Services
11-9021	Construction Managers	47,100	55,200	Nonresidential Building Construction	Residential Building Construction	Building Equipment Contractors
13-1051	Cost Estimators	25,600	31,200	Building Equipment Contractors	Automotive Repair and Maintenance	Building Finishing Contractors
17-2071	Electrical Engineers	19,600	20,700	Semiconductor and Other Electronic Component Manufacturing	Architectural, Engineering, and Related Services	Navigational, Measuring, Electromedical, and Control Instruments Manufacturing
47-2111	Electricians	68,300	75,300	Building Equipment Contractors	Local Government	Nonresidential Building Construction
17-2081	Environmental Engineers	4,800	6,000	Architectural, Engineering, and Related Services	Local Government	Management, Scientific, and Technical Consulting Services
47-4041	Hazardous Materials Removal Workers	5,000	5,300	Waste Management and Remediation Services	Other Specialty Trade Contractors	Architectural, Engineering, and Related Services
49-9021	Heating and Air Conditioning Technicians and Installers	19,700	22,200	Building Equipment Contractors	Commercial and Industrial Machinery and Equipment Repair and Maintenance	Hardware, and Plumbing and Heating Equipment and Supplies Merchant wholesalers
47-2131	Insulation Workers, Floor, Ceiling, and Wall (Weatherization Workers)	3,000	3,200	Building Finishing Contractors	Nonresidential Building Construction	Ship and Boat Building
13-1111	Management Analysts	89,100	105,900	Management, Scientific, and Technical Consulting Services	Local Government	Colleges, Universities, and Professional Schools
17-2141	Mechanical Engineers	24,000	25,800	Architectural, Engineering, and Related Services	Navigational, Measuring, Electromedical, and Control Instruments Manufacturing	Scientific Research and Development Services
47-2152	Plumbers, Pipefitters, and Steamfitters	56,000	62,900	Building Equipment Contractors	Local Government	Utility System Construction
53-7081	Refuse and Recyclable Material Collectors	14,300	15,300	Waste Management and Remediation Services	Local Government	Employment Services
47-2181	Roofers	24,800	28,800	Foundation, Structure, and Building Exterior Contractors	Employment Services	Residential Building Construction
19-3051	Urban and Regional Planners (Sustainability Planners)	4,500	5,400	Local Government	Architectural, Engineering, and Related Services	Management, Scientific, and Technical Consulting Services
25-1194	Vocational Education Teachers, Postsecondary	11,800	15,400	Technical and Trade Schools	Junior Colleges	Local Government
	March 2006 Benchmark-Table includes the self-employed, unpaid family workers, private household workers, and farm employment.					

R O C P C O U R S E S

Rapid-Start ♦ Green-Focused



CAREER TECHNICAL EDUCATION

A LIST OF SECONDARY COURSES GOING GREEN

March 17, 2009

California Department of Education

Regional Occupational Centers/Programs & Workforce Development Unit

RAPID-START

CAREER TECHNICAL EDUCATION JOB PREPARATION PROGRAMS Through California Secondary Schools' REGIONAL OCCUPATIONAL PROGRAMS and REGIONAL OCCUPATIONAL CENTERS

“Leading job training for high school students for a new green economy that promotes energy and environmental sustainability”

Data was gathered from a survey of the Regional Occupational Programs and Regional Occupational Centers in California, resulting in the following charts:

Chart 1: ROCP capstone courses that have a “green focus” (highlighted in green), and are articulated with an SB 70 grant to a local community college in all 15 industry sectors.

Chart 2: ROCP courses in the following high-demand industry sectors that can easily and rapidly be adapted with green-focused units of instruction: Building Trades/Construction; Manufacturing; Transportation; Energy/Utilities; Engineering; Health.

The Regional Occupational Centers and Programs Model:

- Incorporates and integrates State-Board adopted academic and career standards into the curriculum.
 - Targets secondary juniors and seniors who will be entering the workforce or college full-or-part-time after high school.
 - Requires business and industry input and approval of curriculum.
 - Utilizes state-certified CTE instructors with business and industry experience.
 - Provides work-based internships non-paid and employment as part of the instructional program.
 - Courses are the capstone, articulated courses with community colleges in many academies.*
 - Meets job market demand by regions, cost-effectively operates programs on a regional basis, including every high school in CA.
 - The most flexible secondary CTE program to quickly respond to economic changes and needs.
 - Serves as pre-apprenticeship programs leading to entry into DAS-approved apprenticeship programs where articulated.
 - Helps prevent high school dropouts and improves student attendance through real, rigorous and relevant instruction.
- (*Academy grants will be awarded in June 2009.)

**FUNDING NEEDS FOR STRENGTHENING
CAREER TECHNICAL PROGRAMS IN THE SECONDARY ROCPS:**

1. CTE teacher professional development institutes for training and certification
2. Curriculum development certified by the CDE. Units of green technology to be developed and integrated into existing courses of study.
3. Instructional materials and supplies per industry standards
4. Instructional equipment to teach the new technology per industry standards
5. Curriculum articulation
6. Job placement assistance for successful completers
7. Evaluation component
8. Data gathering component

CHART 1

ROCP capstone courses that have a “green focus”
(highlighted in Green) and are articulated with an SB 70 grant to a
local community college in all 15 industry sectors

ROCPs and Schools Participating in SB 70

Community College	140-Community College Collaborative Grants			141-Community College Supplemental Grants			142-Community College Workforce Innovation Partnership (WIP) Grants			Green Grants
	ROP(s)	Name of ROP(s)	Sector(s)	ROP(s)	Name of ROP(s)	Sector(s)	ROP(s)	Name of ROP(s)	Sector(s)	
Allan Hancock College	2	Santa Barbara County ROP - North Santa Lucia ROP	Hospitality, Tourism, and Recreation	2	Santa Barbara County ROP - North Santa Lucia ROP	Hospitality, Tourism, and Recreation	-	-	-	
American River College	1	Sacramento County ROP	Building Trades and Construction; Energy and Utilities; Manufacturing and Product Development; Transportation	1	Sacramento County ROP	Building Trades and Construction; Energy and Utilities; Manufacturing and Product Development; Transportation	1	Sacramento County ROP	Building Trades and Construction	
Antelope Valley College	1	Antelope Valley ROP	Public Safety and IT	-	-	-	-	-	-	
Barstow College	1	San Bernardino County ROP	All Sectors	1	San Bernardino County ROP	All Sectors	1	San Bernardino County ROP	Transportation	
Butte College	1	Butte County ROP	Building Trades and Construction; Engineering and Design	1	Butte County ROP	Building Trades and Construction; Engineering and Design	1	Butte County ROP	All Sectors	142
Cabrillo College	1	Santa Cruz County ROP	All Sectors	1	Santa Cruz County ROP	All Sectors	1	Santa Cruz County ROP	Building Trades and Construction	140 142
Chabot-Las Positas District	2	Eden Area ROP, Tri-Valley ROP	Arts, Media and Entertainment; Energy and Utilities; Finance and Business; Health Care and Medical Technology	2	Eden Area ROP, Tri-Valley ROP	Arts, Media and Entertainment; Energy and Utilities; Finance and Business; Health Care and Medical Technology	2	Eden Area ROP, Tri-Valley ROP	All Sectors / Health and Environmental/ Related Technologies	

Community College	140-Community College Collaborative Grants			141-Community College Supplemental Grants			142-Community College Workforce Innovation Partnership (WIP) Grants			Green Grants
	ROP(s)	Name of ROP(s)	Sector(s)	ROP(s)	Name of ROP(s)	Sector(s)	ROP(s)	Name of ROP(s)	Sector(s)	
Chaffey College	2	Baldy View ROP, San Bernardino County ROP	Energy and Utilities; Engineering and Design; Manufacturing and Product Development Transportation	2	Baldy View ROP, San Bernardino County ROP	Energy and Utilities; Engineering and Design; Manufacturing and Product Development Transportation	2	Baldy View ROP, San Bernardino County ROP	Engineering and Design	
Citrus College	1	East San Gabriel Valley ROP	Energy and Utilities	-	-	-	-	-	-	
Coast District	2	Capistrano-Laguna Beach ROP, Coastline ROP	Energy and Utilities; Engineering and Design; Health Science and Medical Technology; Manufacturing and Product Development Transportation	-	-	-	-	-	-	
Contra Costa College	1	Contra Costa County ROP	Building Trades and Construction; Education, Child Development and Family Services; Engineering and Design; Finance and Business; Health Science and Medical Technology; Information Technology	1	Contra Costa County ROP	Education, Child Development, and Family Services	1	Contra Costa County ROP	All Sectors	142
El Camino College	1	Compton USD ROP	All Sectors	1	Compton USD ROP	All Sectors	1	Compton USD ROP	Manufacturing and Product Development	

Community College	140-Community College Collaborative Grants			141-Community College Supplemental Grants			142-Community College Workforce Innovation Partnership (WIP) Grants			Green Grants
	ROP(s)	Name of ROP(s)	Sector(s)	ROP(s)	Name of ROP(s)	Sector(s)	ROP(s)	Name of ROP(s)	Sector(s)	
Feather River College	2	Lassen County ROP, Plumas County ROP	Agriculture and Natural Resources; Energy and Utilities; Finance and Business; Health Science and Medical Technology; Hospitality, Tourism, and Recreation;	2	Lassen County ROP, Plumas County ROP	Agriculture and Natural Resources Marketing, Sales, and Services	-	-	-	
Folsom Lake College	1	Central Sierra ROP	Agriculture and Natural Resources	1	Central Sierra ROP	Education, Child Development, and Family Services; Energy and Utilities	1	Central Sierra ROP	Health Science and Medical Technology	
Foothill-De Anza District	2	Metro Ed District, North Santa Clara ROP	Arts, Media, and Entertainment;Energy and Utilities;Finance and Business;Health Science and Medical Technology;Information Technology;Marketing, Sales, and Services	2	Metro Ed District, North Santa Clara ROP	All Sectors	2	Metro Ed District, North Santa Clara ROP	All Sectors	
Grossmont-Cuyamaca District	1	San Diego County ROP	Health Science and Medical Technology	1	San Diego County ROP	Health Science and Medical Technology	1	San Diego County ROP	Health Science and Medical Technology	
Hartnell College	1	Mission Trails ROP	All Sectors	-	-	-	-	-	-	

Community College	140-Community College Collaborative Grants			141-Community College Supplemental Grants			142-Community College Workforce Innovation Partnership (WIP) Grants			Green Grants
	ROP(s)	Name of ROP(s)	Sector(s)	ROP(s)	Name of ROP(s)	Sector(s)	ROP(s)	Name of ROP(s)	Sector(s)	
Imperial Valley College	2	Imperial Valley ROP, Riverside County ROP	Energy and Utilities; Finance and Business; Health Science and Medical Technology; Hospitality, Tourism, and Recreation; Public Services	2	Imperial Valley ROP, Riverside County ROP	Energy and Utilities; Health Science and Medical Technology; Public Services	-	-	-	
Kern District	4	Kern County ROP, Kern High School District ROC, North Kern County ROP, West Side ROP	Energy and Utilities	5	Inyo County ROP, Kern County ROP, Kern High School District ROC, North Kern County ROP, West Side ROP	Energy and Utilities	5	Inyo County ROP, Kern County ROP, Kern High School District ROC, North Kern County ROP, West Side ROP	Energy and Utilities	142
Long Beach College	1	Long Beach Unified School District ROP	Building Trades and Construction	-	-		-	-	-	
Los Angeles District	1	East San Gabriel Valley ROP	Arts, Media, and Entertainment; Building Trades and Construction; Engineering and Design; Health Science and Medical Technology; Transportation	1	East San Gabriel Valley ROP	All Sectors	1	East San Gabriel Valley ROP	Health Science and Medical Technology	

Community College	140-Community College Collaborative Grants			141-Community College Supplemental Grants			142-Community College Workforce Innovation Partnership (WIP) Grants			Green Grants
	ROP(s)	Name of ROP(s)	Sector(s)	ROP(s)	Name of ROP(s)	Sector(s)	ROP(s)	Name of ROP(s)	Sector(s)	
L.A.-Harbor	1	Los Angeles Unified School District ROP	Arts, Media, and Entertainment;Building Trades and Construction;Health Science and Medical Technology;Hospitality, Tourism, and Recreation;Information Technology;Transportation	1	Los Angeles Unified School District ROP	All Sectors	1	Los Angeles Unified School District ROP	Manufacturing and Product Development	
L.A. Mission College	1	Los Angeles County ROP	Arts, Media, and Entertainment; Energy and Utilities; Hospitality, Tourism, and Recreation	2	Los Angeles County ROP	All Sectors	1	Los Angeles County ROP	Energy and Utilities	141
L.A. Trade - Tech. College	-	-	-	-	-	-	-	-	-	
Mendocino College	2	Humboldt County ROP, Mendocino County ROP	Agriculture and Natural Resources; Building Trades and Construction; Health Science and Medical Technology; Hospitality, Tourism, and Recreation; Transportation	-	-	-	-	-	-	140
Mira Costa College	1	San Diego County ROP	Health Science and Medical Technology	-	-	-	-	-	-	

Community College	140-Community College Collaborative Grants			141-Community College Supplemental Grants			142-Community College Workforce Innovation Partnership (WIP) Grants			Green Grants
	ROP(s)	Name of ROP(s)	Sector(s)	ROP(s)	Name of ROP(s)	Sector(s)	ROP(s)	Name of ROP(s)	Sector(s)	
Mt. San Jacinto College	1	Riverside County ROP	Arts, Media and Entertainment; Engineering and Design; Health Science and Medical Technology; Hospitality, Tourism, and Recreation; Information Technology	-	-	-	-	-	-	140
Napa Valley	1	Napa County ROP	Agriculture and Natural Resources;Building Trades and Construction;Energy and Utilities;Hospitality, Tourism, and Recreation	1	Napa County ROP	Agriculture and Natural Resources, Building Trades and Construction, Energy and Utilities	2	Napa County ROP	Agriculture and Natural Resources, Building Trades and Construction, Energy and Utilities, Hospitality, Tourism, and Recreation	140141142
North Orange District	1	Central County ROP	Energy and Utilities; Education; Engineering and Design; Health Science; Information Technology Manufacturing	-	-	-	-	-	-	
Ohlone College	1	Metro Ed District	Information Technology	2	Metro Ed District, Mission Valley ROP	All Sectors	2	Metro Ed District, Mission Valley ROP	Information Technology	141

Community College	140-Community College Collaborative Grants			141-Community College Supplemental Grants			142-Community College Workforce Innovation Partnership (WIP) Grants			Green Grants
	ROP(s)	Name of ROP(s)	Sector(s)	ROP(s)	Name of ROP(s)	Sector(s)	ROP(s)	Name of ROP(s)	Sector(s)	
Pasadena City College	1	Los Angeles County ROP	Arts, Media and Entertainment; Energy and Utilities; Engineering and Design; Health Science and Medical Technology; Hospitality, Tourism, and Recreation	1	Los Angeles County ROP	Arts, Media and Entertainment, Energy and Utilities, Engineering and Design, Health Science and Medical Technology, Hospitality, Tourism, and Recreation	1	Los Angeles County ROP	Health Science and Medical Technology	140 142
Peralta District	1	Oakland/Alameda ROP	Arts, Media and Entertainment	1	Oakland/Alameda ROP	-	-	-	-	
Rancho Santiago District	1	Central County ROP	Arts, Media, and Entertainment; Manufacturing and Product Development; Transportation	1	Central County ROP	Arts, Media, and Entertainment, Manufacturing and Product Development, Transportation	1	Central County ROP	Energy and Utilities	140 142
Riverside District	1	Riverside County ROP	Engineering and Design; Health Science and Medical Technology; Transportation	1	Riverside County ROP	Engineering and Design	-	-	-	
Sacramento City College	1	Sacramento County ROP	Building Trades and Construction	-	-	-	-	-	-	140
San Bernardino Valley College	2	Colton-Redlands-Yucaipa ROP, San Bernardino County ROP	Energy and Utilities;Engineering and Design;Manufacturing and Product Development; Transportation	2	Colton-Redlands-Yucaipa ROP, San Bernardino County ROP	Energy and Utilities, Engineering and Design, Manufacturing and Product Development, Transportation	2	Colton-Redlands-Yucaipa ROP, San Bernardino County ROP	Engineering and Design	

Community College	140-Community College Collaborative Grants			141-Community College Supplemental Grants			142-Community College Workforce Innovation Partnership (WIP) Grants			Green Grants
	ROP(s)	Name of ROP(s)	Sector(s)	ROP(s)	Name of ROP(s)	Sector(s)	ROP(s)	Name of ROP(s)	Sector(s)	
San Diego District	2	San Diego County ROP	Health Science and Medical Technology; Information Technology; Manufacturing and Product Development; Transportation	1	San Diego County ROP	All Sectors	2	San Diego ROP	Building Trades and Construction, Energy and Utilities, Engineering and Design, Manufacturing & Product Development, and Transportation.	142
San Francisco, City College of	2	San Francisco County ROP	All Sectors	2	San Francisco County ROP	All Sectors	-	-	-	140
San Mateo, College of	1	San Mateo County ROP	Health Science and Medical Technology	-	-	-	-	-	-	
Santa Barbara City College	1	Santa Barbara County ROP	Health Science and Medical Technology	1	Santa Barbara County ROP	Health Science and Medical Technology	1	Santa Barbara County ROP	Health Science and Medical Technology	
Santa Clarita District	1	Hart District ROP	Arts, Media, and Entertainment; Building Trades and Construction; Energy and Utilities; Hospitality, Tourism, and Recreation; Manufacturing and Product Development; Transportation	-	-	-	-	-	-	

Community College	140-Community College Collaborative Grants			141-Community College Supplemental Grants			142-Community College Workforce Innovation Partnership (WIP) Grants			Green Grants
	ROP(s)	Name of ROP(s)	Sector(s)	ROP(s)	Name of ROP(s)	Sector(s)	ROP(s)	Name of ROP(s)	Sector(s)	
Santa Monica City College	1	Los Angeles County ROP	Arts, Media, and Entertainment; Building Trades and Construction; Health Science and Medical Technology; Hospitality, Tourism, and Recreation; Marketing, Sales, and Services; Transportation	-	-	-	1	Los Angeles County ROP	Transportation	140 142
Sequoias, College of the	1	Kings County ROP, Tulare County Organization for Vocational Education	Agriculture and Natural Resources; Education, Child Development, and Family Services; Energy and Utilities; Finance and Business; Health Science and Medical Technology; Manufacturing and Product Development	-	-	-	-	-	-	
Shasta College	2	Shasta-Trinity ROP, Tehama ROP	Energy and Utilities	2	Shasta-Trinity ROP, Tehama ROP	All Sectors	2	Shasta-Trinity ROP, Tehama ROP	Energy and Utilities	140 141 142
Sierra College	1	49er ROP	Manufacturing and Product Development	1	49er ROP	Manufacturing and Product Development	-	-	-	
Siskiyou, College of the	1	Siskiyou ROP	Agriculture and Natural Resources; Building Trades and Construction; Energy and Utilities	-	-	-	-	-	-	140

Community College	140-Community College Collaborative Grants			141-Community College Supplemental Grants			142-Community College Workforce Innovation Partnership (WIP) Grants			Green Grants
	ROP(s)	Name of ROP(s)	Sector(s)	ROP(s)	Name of ROP(s)	Sector(s)	ROP(s)	Name of ROP(s)	Sector(s)	
Solano Community College	1	Solano ROP	Energy and Utilities; Manufacturing and Product Development	1	Solano ROP	Energy and Utilities, Manufacturing and Product Development	-	-	-	
South Orange County	2	Capistrano-Laguna Beach ROP, Coastline ROP	Education, Child Development, and Family Services	2	Capistrano-Laguna Beach ROP, Coastline ROP	Education, Child Development, and Family Services	2	Capistrano-Laguna Beach ROP, Coastline ROP	Arts, Media and Entertainment	
State Center District	2	Fresno COE, Madera COE, Valley ROP	Transportation	-	-	-	-	-	-	
Ventura County District	1	Ventura ROP	All Sectors	-	-	-	-	-	-	
West Valley-Mission District	3	Santa Clara County ROP North, Santa Clara County ROP South, Metro Ed District	Energy and Utilities	3	Santa Clara County ROP North, Santa Clara County ROP South, Metro Ed District	Energy and Utilities	3	Santa Clara County ROP North, Santa Clara County ROP South, Metro Ed District	Building Trades and Construction, Transportation, Arts, Media and Entertainment, Hospitality, Tourism, and Recreation	140 141 142
Yosemite District	2	Yosemite ROP, Merced County ROP	Energy and Utilities	-	-	-	2	Yosemite ROP, Merced County ROP	Energy and Utilities	140142
Yuba College	1	Yolo County ROP	Agriculture and Natural Resources	-	-	-	-	-	-	

CHART 2

ROCP capstone courses in the following high-demand industry sectors that can easily and rapidly be adapted with green-focused units of instruction: Building Trades/ Construction, Manufacturing, Transportation, Energy/Utilities, Engineering, Health

High Demand ROCP Courses
Energy and Utilities Sector
 (Existing green focused courses highlighted in green. Pending courses in pink.)

ROCP	CDE Course Number	CTE Industry Sector	CBEDS Code	Course Title
CENTRAL REGION				
Yosemite ROP	2418	Energy and Utilities	5512	Electrical Trades
COASTAL REGION				
Metro Education District	3770	Energy and Utilities	5512	AC & DC Motors/Controls
Metro Education District	1201	Energy and Utilities	5512	Automatic Control Systems
Metro Education District	3758	Energy and Utilities	5512	Electrical Maintenance
Metro Education District	1204	Energy and Utilities	5512	Electrical Troubleshooting
Metro Education District	1203	Energy and Utilities	5512	Electronic Control Devices
Metro Education District	3769	Energy and Utilities	5512	National Electric Code
Metro Education District	3760	Energy and Utilities	5512	National Electrical Code Calculations
Metro Education District	3771	Energy and Utilities	5512	Wiring Methods
Marin County ROP	3790	Energy and Utilities	5561	Electronics/Engineering
Tri-Valley ROP		Energy and Utilities		Alternative/Renewable Energy I
Tri-Valley ROP		Energy and Utilities		Alternative/Renewable Energy II
Tri-Valley ROP		Energy and Utilities		Environmental Science
Tri-Valley ROP		Energy and Utilities		Waste Water Treatment
NORTHERN REGION				
Sacramento County ROP	6073	Energy and Utilities	5574	Engineering Technology
Sacramento County ROP	5857	Energy and Utilities	5651	Renewable Energy Systems Design
Shasta-Trinity ROP	640	Energy and Utilities	5512	Electrician
SOUTHERN REGION				
East San Gabriel Valley ROP	3697	Energy and Utilities	5551	Electronics Technology
East San Gabriel Valley ROP	4947	Energy and Utilities	5551	Electronics Technology/Mobile Technology
East San Gabriel Valley ROP	4949	Energy and Utilities	5561	Electronics Technician/Home Technology Integration
La Puente Valley ROP	3221	Energy and Utilities	5512	Orient. to Apprentice Training for Electric Indust
Long Beach Unified School District ROP	5548	Energy and Utilities	5698	Energy and Environmental Engineering
LAUSD ROP		Energy and Utilities		Air Conditioning Technician I
LAUSD ROP		Energy and Utilities		Air Conditioning Technician II
LAUSD ROP		Energy and Utilities		Electrical Powerline Mechanic
LAUSD ROP		Energy and Utilities		Electrical Powerline Mechanic Trainee

ROCP	CDE Course Number	CTE Industry Sector	CBEDS Code	Course Title
LAUSD ROP	1777	Energy and Utilities	5693	Electrical Technician: Electric Motor Controls
LAUSD ROP	1767	Energy and Utilities	5512	Electrician (Fundamentals)
LAUSD ROP	1768	Energy and Utilities	5512	Electrician: Wiring and Codes
LAUSD ROP	1770	Energy and Utilities	5512	Electrician: Wiring Techniques
LAUSD ROP		Energy and Utilities		Electronics I
LAUSD ROP		Energy and Utilities		Electronics II
LAUSD ROP		Energy and Utilities		Electronics III
LAUSD ROP		Energy and Utilities		Home Technology Integration: Certification Preparation
LAUSD ROP	1775	Energy and Utilities	5512	Industrial Electrician
LAUSD ROP	1866	Energy and Utilities	5512	Mobile Electronics Technician Trainee
LAUSD ROP		Energy and Utilities		Mobile Electronics I
LAUSD ROP		Energy and Utilities		Mobile Electronics II
LAUSD ROP		Energy and Utilities		Mobile Electronics III
LAUSD ROP		Energy and Utilities		Photovoltaic Installation (Introduction)
LAUSD ROP		Energy and Utilities		Photovoltaic Installation (Certification Preparation)
LAUSD ROP		Energy and Utilities		Powerline Systems
LAUSD ROP		Energy and Utilities		Refrigeration Technician I
LAUSD ROP		Energy and Utilities		Refrigeration Technician II
North Orange County ROP	1642	Energy and Utilities	5512	Electrical Theory
San Bernardino County ROP	3300	Energy and Utilities	5512	Fundamentals of Electrical Repair
San Diego County ROP (Scripps Ranch HS)		Energy and Utilities		Introduction to Green Technology
San Diego County ROP (Scripps Ranch HS)		Energy and Utilities		Photovoltaic Installer

High Demand ROCP Courses
Engineering and Design Sector
 (Existing green focused courses highlighted in green. Pending courses in pink.)

ROCP	CDE Course Number	CTE Industry Sector	CBEDS Code	Course Title
CENTRAL REGION				
Fresno ROP	2514	Engineering and Design	5703	Architectural Design
Fresno ROP	4469	Engineering and Design	5703	Architectural Drafting (CAD)
Fresno ROP	2210	Engineering and Design	5703	Architectural Engineering Design
Fresno ROP	5731	Engineering and Design	5561	Advanced Robotics and Electronics
Fresno ROP	5730	Engineering and Design	5561	Electronics Technology
Fresno ROP	4025	Engineering and Design	5575	Environmental Fields Studies
Fresno ROP	4408	Engineering and Design	5575	Environmental Science and Technology
San Joaquin County ROCP	1272	Engineering and Design	5705	Computer-Aided Drafting/Design
San Joaquin County ROCP	2510	Engineering and Design	5972	Pre-Engineering
Yosemite ROP	5396	Engineering and Design	5612	Applied Technology
Yosemite ROP	2454	Engineering and Design	5705	Computer Assisted Drafting
Yosemite ROP	2463	Engineering and Design	5705	Drafting-Construction Technology
COASTAL REGION				
Contra Costa County ROP	5502	Engineering and Design	5975	Introduction to Engineering
Contra Costa County ROP	5501	Engineering and Design	5975	Principles of Engineering
Eden Area ROP	2069	Engineering and Design	5705	Computerized Drafting
Eden Area ROP	1438	Engineering and Design	5705	Industrial Drafting
Marin County ROP	3791	Engineering and Design	5701	Drafting/Construction Design
Mission Trails ROP		Engineering and Design		Green Engineering
Mission Trails ROP	425	Engineering and Design	5701	Industrial Drafting
Oakland/Alameda ROP	5379	Engineering and Design	5955	Advanced Drafting/CAD-3D modeling
Oakland/Alameda ROP	5245	Engineering and Design	5703	Architectural Design and Drafting 1
Santa Clara County ROP	1692	Engineering and Design	5705	Computer Aided Drafting/Design
Santa Clara County ROP	2635	Engineering and Design	5558	Computer Hardware Repair
Santa Clara County ROP	899	Engineering and Design	5975	Engineering Technology
Santa Lucia ROP	2211	Engineering and Design	5703	Architecture Design
Santa Lucia ROP	2101	Engineering and Design	5603	CAD-CAM Engineering
Santa Lucia ROP	1063	Engineering and Design	5705	Computer Aided Drafting
NORTHERN REGION				

ROCP	CDE Course Number	CTE Industry Sector	CBEDS Code	Course Title
Sacramento County ROP	3803	Engineering and Design	5705	Advanced Computer Assisted Design & Drafting I
Sacramento County ROP	2336	Engineering and Design	5572	Computer Repair
Sacramento County ROP	5858	Engineering and Design	5612	Robotics
Shasta-Trinity ROP	3009	Engineering and Design	5705	Computer Aided Drafting
Tri-County ROP	843	Engineering and Design	5598	Laser Optics
SOUTHERN REGION				
Antelope Valley ROP	5687	Engineering and Design	5749	Geographic Information Systems (GIS)
Capistrano-Laguna Beach ROP		Engineering and Design		3-D Model Making
Central County ROP	5432	Engineering and Design	5705	3-D Drafting and Design
Central County ROP	5433	Engineering and Design	5706	Computer-Assisted Drawing (CAD)
Central County ROP	5433	Engineering and Design	5561	Electronics Technician
Central County ROP		Engineering and Design		Engineering
Central County ROP		Engineering and Design	4633	Geographic Information Systems (GIS)
Central County ROP		Engineering and Design	4634	GIS for a Sustainable Green World
Central County ROP	5446	Engineering and Design	5560	Home Technology Integration I
Central County ROP	5450	Engineering and Design	5560	Home Technology Integration II
Central County ROP	5451	Engineering and Design	5560	Home Technology Integration III
Central County ROP	5455	Engineering and Design	5649	Pre-Engineering
East San Gabriel Valley ROP	3174	Engineering and Design	5705	Computer Aided Drafting/Design
East San Gabriel Valley ROP	4551	Engineering and Design	5698	Pre-Engineering and Design
Hart ROP	6095	Engineering and Design	5574	Exploring Engineering Technology
Imperial Valley ROP		Engineering and Design		Energy for Engineering
Imperial Valley ROP		Engineering and Design		Introduction to Renewable Energy Resources ¹
La Puente Valley ROP	3222	Engineering and Design	5955	Engineering/Manufacturing Technology ²
Long Beach Unified School District ROP		Engineering and Design		Architecture I And II
Long Beach Unified School District ROP		Engineering and Design		Architecture III And IV
Long Beach Unified School District ROP	5869	Engineering and Design	5940	Foundations of Engineering
North Orange County ROP	5862	Engineering and Design	4633	Intro to Geographic Information Systems (GIS-Green STEM)
North Orange County ROP	4522	Engineering and Design	5749	Introduction to Engineering Design
North Orange County ROP	4529	Engineering and Design	5601	Principles of Engineering
San Bernardino County ROP	1901	Engineering and Design	5572	A+ Certification
San Bernardino County ROP	1099	Engineering and Design	5558	Computer Maintenance and Repair
San Diego County ROP	2117	Engineering and Design	5558	Computer Repair

ROCP	CDE Course Number	CTE Industry Sector	CBEDS Code	Course Title
San Diego County ROP	2160	Engineering and Design	5558	Data/Voice/Video Cable Install
San Diego County ROP	2142	Engineering and Design	5705	Drafting/Computer Aided
San Diego County ROP	2172	Engineering and Design	5563	Electronics Technician
San Diego County ROP	2162	Engineering and Design	5649	Engineering Principles
San Diego County ROP	2161	Engineering and Design	5869	Environmental Science and Technology
San Diego County ROP		Engineering and Design		Green Construction A/B/C/D
San Diego County ROP		Engineering and Design		Green STEM Program
San Diego County ROP (Marcraft)		Engineering and Design		Pre-Engineering & Design A/B/C/D
Southern California ROC	5905	Engineering and Design	5704	Civil Engineering/Architecture
Southern California ROC	5912	Engineering and Design	5598	Engineering Mechatronics & Computer Systems I & II
Southern California ROC	5941	Engineering and Design	5559	Introduction to Engineering Science
Tri-Cities ROP	3253	Engineering and Design	4618	CISCO Internetworking
Tri-Cities ROP	4328	Engineering and Design	5558	Computer Repair, Level 2
Tri-Cities ROP	4326	Engineering and Design	5558	Computer Troubleshooting and Maintenance Level 1
Tri-Cities ROP	3252	Engineering and Design	4618	Designing and Implementing Wireless LANs
Tri-Cities ROP	3170	Engineering and Design	4618	Networking Essentials
Tri-Cities ROP	3197	Engineering and Design	4649	Introductory to Linux
Tri-Cities ROP	3169	Engineering and Design	5612	Robotics Technology

High Demand ROCP Courses**Finance and Business Sector**

(Existing green focused courses highlighted in green. Pending courses in pink.)

ROCP	CDE Course Number	CTE Industry Sector	CBEDS Code	Course Title
CENTRAL REGION				
Fresno ROP	3743	Finance and Business	4698	Financial Occupations
COASTAL REGION				
Sonoma County ROP	1039	Finance and Business	4637	Business Management
NORTHERN REGION				
Forty-Niner ROP	4766	Finance and Business	4103	Financial Services
Forty-Niner ROP	498	Finance and Business	4103	Financial Services Careers
Glenn County ROP	1706	Finance and Business	4103	Financial Occupations
Shasta-Trinity ROP	3400	Finance and Business	4103	Banking and Financial Occupations
Tri-County ROP	3079	Finance and Business	4103	Applied Finance
Tri-County ROP	5710	Finance and Business	4637	Small Business Ownership and Management
SOUTHERN REGION				
Antelope Valley ROP	340	Finance and Business	4637	Project Management
Baldy View ROP	2922	Finance and Business	4103	Banking/Financial Occupations
Capistrano-Laguna Beach ROP		Finance and Business		Small Business Management and Entrepreneurship
Central County ROP	2883	Finance and Business	4103	Banking Financial Occupations
Central County ROP	2744	Finance and Business	4103	Banking Financial Services
Central County ROP	1974	Finance and Business	4103	Careers in Banking
Central County ROP	2441	Finance and Business	4103	Loan Processing
Coastline ROP	2651	Finance and Business	4103	Banking and Financial Services
Colton-Redlands-Yucaipa ROP	2834	Finance and Business	4103	Financial Occupations
Los Angeles County ROP	3639	Finance and Business	4103	Financial Services: Banking and Insurance
North Orange County ROP	4020	Finance and Business	4103	Financial Services/marketing (Banking)
San Antonio ROP	4088	Finance and Business	4103	Financial Occupations
San Bernardino County ROP	1294	Finance and Business	4103	Financial Services Occupations
San Diego County ROP	2139	Finance and Business	4103	Business & Financial Services
Tri-Cities ROP	3235	Finance and Business	4103	Financial Banking
Ventura County ROP	2795	Finance and Business	4103	Banking and Finance

High Demand ROCP Courses
Health Science and Medical Technology Sector
 (Existing green focused courses highlighted in green. Pending courses in pink.)

ROCP	CDE Course Number	CTE Industry Sector	CBEDS Code	Course Title
CENTRAL REGION				
Fresno ROP	4481	Health Science and Medical Terminology	4267	Athletic Training
Fresno ROP	2887	Health Science and Medical Terminology	4288	Biomedical Engineering
Fresno ROP	4483	Health Science and Medical Terminology	4232	Emergency Medical Technician
Fresno ROP	3707	Health Science and Medical Terminology	4298	Emergency Medicine
Fresno ROP	4479	Health Science and Medical Terminology	4298	EMT Refresher
Fresno ROP	5024	Health Science and Medical Terminology	4298	First Responder Medical Aid
Fresno ROP	4803	Health Science and Medical Terminology	4267	Health & Wellness
Fresno ROP	4490	Health Science and Medical Terminology	4226	Health Careers
Fresno ROP	4464	Health Science and Medical Terminology	4276	Medical Office Specialist
Fresno ROP	1789	Health Science and Medical Terminology	4298	National Registry EMT Refresher
Fresno ROP	4488	Health Science and Medical Terminology	4280	Nurse Assistant/Home Health Aide
Fresno ROP	2823	Health Science and Medical Terminology	4280	Nursing Assistant
Fresno ROP	4486	Health Science and Medical Terminology	4280	Nursing Careers
Fresno ROP	4460	Health Science and Medical Terminology	4280	Nursing Services
Fresno ROP	3424	Health Science and Medical Terminology	4227	Pre-Allied Health
Fresno ROP	1787	Health Science and Medical Terminology	4298	Pre-Licensed Vocation Nurse
Fresno ROP	1788	Health Science and Medical Terminology	4226	Pre-Nursing Foundations
Fresno ROP	4454	Health Science and Medical Terminology	4267	Sports Medicine/ Fitness
Kern County ROP	2525	Health Science and Medical Terminology	4280	Health Careers
Kern County ROP	2526	Health Science and Medical Terminology	4276	Medical Office and Hospital Procedures
Kern County ROP	2516	Health Science and Medical Terminology	4242	Medical Office & Hospital Proc. Clinic/Back Office
Kern County ROP	2517	Health Science and Medical Terminology	4242	Medical Terminology
Kern County ROP	3685	Health Science and Medical Terminology	4280	Nursing Assistant
Kern High ROC	3138	Health Science and Medical Terminology	4298	Hospital Health Services Occupations
Kern High ROC	3140	Health Science and Medical Terminology	4242	Medical Clinical Assistant
Kern High ROC	3144	Health Science and Medical Terminology	4294	Medical Terminology
Kern High ROC	2990	Health Science and Medical Terminology	4280	Nursing Assistant/ Home Health Aide
Kings County ROP	5006	Health Science and Medical Terminology	4226	Careers in Health
Kings County ROP	1803	Health Science and Medical Terminology	4226	Health Occupations I

ROCP	CDE Course Number	CTE Industry Sector	CBEDS Code	Course Title
Kings County ROP	1780	Health Science and Medical Terminology	4226	Health Occupations II
Kings County ROP	4811	Health Science and Medical Terminology	4242	Medical Office - Automated
Kings County ROP	1802	Health Science and Medical Terminology	4280	Nursing Assistant
Kings County ROP	1230	Health Science and Medical Terminology	4298	Nursing Services Continuing Education
Kings County ROP	336	Health Science and Medical Terminology	4267	Sports Medicine 1
Kings County ROP	338	Health Science and Medical Terminology	4267	Sports Medicine II
Merced County ROP	3036	Health Science and Medical Terminology	4298	Introduction to Health Careers I/II
Merced County ROP	1344	Health Science and Medical Terminology	4298	Medical Occupations
North Kern Vocational Training Center	5350	Health Science and Medical Terminology	4242	Computerized Medical Billing and Coding Program
North Kern Vocational Training Center	2030	Health Science and Medical Terminology	4226	Health Careers
North Kern Vocational Training Center	2033	Health Science and Medical Terminology	4255	Medical Assistant
North Kern Vocational Training Center	4250	Health Science and Medical Terminology	4255	Medical Assistant
North Kern Vocational Training Center	4177	Health Science and Medical Terminology	4298	Medical Terminology
North Kern Vocational Training Center	2035	Health Science and Medical Terminology	4280	Nursing Assistant/Home Health Aide
San Joaquin County ROCP	4141	Health Science and Medical Terminology	4288	Biotechnology
San Joaquin County ROCP	1831	Health Science and Medical Terminology	4298	Community Health Services
San Joaquin County ROCP	1253	Health Science and Medical Terminology	4234	Dental Assistant
San Joaquin County ROCP	1824	Health Science and Medical Terminology	4298	Health Occupations
San Joaquin County ROCP	2398	Health Science and Medical Terminology	4242	Medical Assistant
San Joaquin County ROCP	1811	Health Science and Medical Terminology	4298	Pre-Certification Nurse Assistant/Aide
San Joaquin County ROCP	1274	Health Science and Medical Terminology	4260	Sports therapy and Fitness
Tulare County Organization for Vocational Education ROP	3984	Health Science and Medical Terminology	4225	Health Careers
Tulare County Organization for Vocational Education ROP	4246	Health Science and Medical Terminology	4298	In-service Education for Nursing Assistants
Valley ROP	4254	Health Science and Medical Terminology	4277	Anatomy-LVN Preparatory Training
Valley ROP	5667	Health Science and Medical Terminology	4260	Athletic Fitness Aide
Valley ROP	5665	Health Science and Medical Terminology	4260	Athletic Fitness Aide
Valley ROP	5666	Health Science and Medical Terminology	4260	Athletic Fitness Aide
Valley ROP	4287	Health Science and Medical Terminology	4277	Direct Support Professional

ROCP	CDE Course Number	CTE Industry Sector	CBEDS Code	Course Title
Valley ROP	3505	Health Science and Medical Terminology	4298	Emergency Medical Technician
Valley ROP	1952	Health Science and Medical Terminology	4298	First Aid and Safety
Valley ROP	556	Health Science and Medical Terminology	4298	Health 1
Valley ROP	3928	Health Science and Medical Terminology	4227	Health Occupations Comm. Classroom
Valley ROP	4685	Health Science and Medical Terminology	4224	Medical Occupations
Valley ROP	5570	Health Science and Medical Terminology	4298	Medical Terminology
Valley ROP	3147	Health Science and Medical Terminology	4298	Medical Terminology
Valley ROP	1315	Health Science and Medical Terminology	4280	Pre-Certification Nursing Assistant (CNA)
Valley ROP	554	Health Science and Medical Terminology	4260	PreLVN
Valley ROP	4687	Health Science and Medical Terminology	4298	Sports Medicine
Valley ROP	4293	Health Science and Medical Terminology	4277	Study Skills LVN Preparatory Training
Yosemite ROP	5961	Health Science and Medical Terminology	4298	Emergency Medical Technician
Yosemite ROP	5818	Health Science and Medical Terminology	4298	First Responder
Yosemite ROP	2485	Health Science and Medical Terminology	4280	Home Health Aide
Yosemite ROP	2483	Health Science and Medical Terminology	4280	Hospital Health Services
Yosemite ROP	2484	Health Science and Medical Terminology	4280	Nursing Assistant
COASTAL REGION				
Contra Costa County ROP	5579	Health Science and Medical Terminology	4260	Advanced Sports Medicine
Contra Costa County ROP	3030	Health Science and Medical Terminology	4288	Biotechnology
Contra Costa County ROP	5503	Health Science and Medical Terminology	4298	Emergency Medical Careers: First Responder
Contra Costa County ROP	1509	Health Science and Medical Terminology	4298	Emergency Medical Technician-Basic
Contra Costa County ROP	3035	Health Science and Medical Terminology	4260	Kinesiology (Sports Medicine)
Contra Costa County ROP	1795	Health Science and Medical Terminology	4242	Medical Billing and Coding
Contra Costa County ROP	1711	Health Science and Medical Terminology	4242	Medical Terminology
Contra Costa County ROP	3302	Health Science and Medical Terminology	4288	ROP Biological Sciences Laboratory Research
Contra Costa County ROP	2864	Health Science and Medical Terminology	4260	Sports Medicine
Eden Area ROP	2066	Health Science and Medical Terminology	4288	Biotechnology
Eden Area ROP	1531	Health Science and Medical Terminology	4234	Dental Assisting
Eden Area ROP	945	Health Science and Medical Terminology	4242	Medical Administrative Assistant
Eden Area ROP	1439	Health Science and Medical Terminology	4226	Medical Careers ¹
Eden Area ROP	1930	Health Science and Medical Terminology	4280	Nursing Assistant
Eden Area ROP	1931	Health Science and Medical Terminology	4298	Sports Medicine
Eden Area ROP	3819	Health Science and Medical Terminology	4260	Sports Medicine I & II
Marin County ROP	1595	Health Science and Medical Terminology	4280	Certified Home Health Aide

ROCP	CDE Course Number	CTE Industry Sector	CBEDS Code	Course Title
Marin County ROP	1603	Health Science and Medical Terminology	4280	Certified Nurse's Assistant
Marin County ROP	3792	Health Science and Medical Terminology	4255	Medical Assistant
Marin County ROP	797	Health Science and Medical Terminology	4280	Personal Home Care Worker
Marin County ROP	516	Health Science and Medical Terminology	4298	Sports Fitness
Metro Education District	3747	Health Science and Medical Terminology	4255	Clinical Shift Secretary/Ward Clerk
Metro Education District	4403	Health Science and Medical Terminology	4243	CPR for Health Professionals
Metro Education District	755	Health Science and Medical Terminology	4234	Dental Assisting
Metro Education District	4117	Health Science and Medical Terminology	4277	IV Therapy and Blood Withdrawal
Metro Education District	4267	Health Science and Medical Terminology	4242	Medical Assistant
Metro Education District	1219	Health Science and Medical Terminology	4242	Medical Assistant Terminology
Metro Education District	1220	Health Science and Medical Terminology	4242	Medical Assistant, Back Office
Metro Education District	1223	Health Science and Medical Terminology	4242	Medical Assistant, Front Office
Metro Education District	3773	Health Science and Medical Terminology	4242	Medical Terminology/Medical Law and Ethics
Metro Education District	1218	Health Science and Medical Terminology	4276	Medical Transcription
Metro Education District	723	Health Science and Medical Terminology	4280	Nursing Assistant Acute Care
Metro Education District	4111	Health Science and Medical Terminology	4298	Orthopedic Technician
Metro Education District	873	Health Science and Medical Terminology	4298	Paramedic Training
Metro Education District	4105	Health Science and Medical Terminology	4298	Pharmacology for Nurses and Allied Health Personnel
Metro Education District	3774	Health Science and Medical Terminology	4298	Pharmacy Clerk
Metro Education District	3542	Health Science and Medical Terminology	4260	Sports Medicine
Metro Education District	1213	Health Science and Medical Terminology	4298	Surgical Technology
Metro Education District	4001	Health Science and Medical Terminology	4298	Veterinary Assistant
Metro Education District	726	Health Science and Medical Terminology	4280	Vocational Nurse
Mission Trails ROP	3886	Health Science and Medical Terminology	4280	Certified Nursing Assistant
Mission Trails ROP	828	Health Science and Medical Terminology	4234	Dental Careers
Mission Trails ROP	825	Health Science and Medical Terminology	4235	Dental X-Ray
Mission Trails ROP	993	Health Science and Medical Terminology	4298	Emergency Medical Technician I
Mission Trails ROP	2291	Health Science and Medical Terminology	4298	Health Occupations
Mission Trails ROP	2821	Health Science and Medical Terminology	4276	Health Unit Coordinator/Specialist-Office
Mission Trails ROP	1017	Health Science and Medical Terminology	4276	Health Unit Coordinator/Specialist (Medical)
Mission Trails ROP	5971	Health Science and Medical Terminology	4234	Introduction to Dental Assisting
Mission Trails ROP	3925	Health Science and Medical Terminology	4226	Medical Assisting
Mission Trails ROP	953	Health Science and Medical Terminology	4242	Medical/Dental Clerical Administrative Specialist
Mission Trails ROP	2082	Health Science and Medical Terminology	4260	Physical Therapy Aide
Mission Trails ROP	2029	Health Science and Medical Terminology	4234	Registered Dental Assistant CO-OP

ROCP	CDE Course Number	CTE Industry Sector	CBEDS Code	Course Title
Mission Trails ROP	461	Health Science and Medical Terminology	4298	Sports Medicine
Mission Trails ROP	3895	Health Science and Medical Terminology	4280	Vocational Nursing
Mission Valley ROCP	3269	Health Science and Medical Terminology	4288	Biotechnology
Mission Valley ROCP	1513	Health Science and Medical Terminology	4280	Certified Nursing Assistant
Mission Valley ROCP	3102	Health Science and Medical Terminology	4227	Diversified Health Occupations
Mission Valley ROCP	4273	Health Science and Medical Terminology	4226	Electrocardiography Technician
Mission Valley ROCP	3104	Health Science and Medical Terminology	4226	Health Careers Core
Mission Valley ROCP	3100	Health Science and Medical Terminology	4242	Medical Assisting-Adult
Mission Valley ROCP	3101	Health Science and Medical Terminology	4242	Medical Assisting-H.S.
Mission Valley ROCP	3099	Health Science and Medical Terminology	4242	Medical Billing and Coding
Mission Valley ROCP	3098	Health Science and Medical Terminology	4242	Medical Terminology
Mission Valley ROCP	5628	Health Science and Medical Terminology	4298	Personal Fitness Trainer
Mission Valley ROCP	5138	Health Science and Medical Terminology	4298	Pharmacy Clerk
Mission Valley ROCP	5137	Health Science and Medical Terminology	4298	Pharmacy Technician
Mission Valley ROCP	5627	Health Science and Medical Terminology	4260	SHAPE Core
Mission Valley ROCP	5629	Health Science and Medical Terminology	4298	Sports Psychology
Mission Valley ROCP	5139	Health Science and Medical Terminology	4298	Sports/Physical Therapy
Napa County ROP	3115	Health Science and Medical Terminology	4288	Biotechnology
Napa County ROP	792	Health Science and Medical Terminology	4280	Nursing Assistant
Oakland/Alameda ROP	4050	Health Science and Medical Terminology	4260	Athletic Trainer/Fitness Trainer Assistant
Oakland/Alameda ROP	5363	Health Science and Medical Terminology	4288	Biotechnology 1/2
Oakland/Alameda ROP	1184	Health Science and Medical Terminology	4227	Medical Occupations
San Francisco County ROP	3939	Health Science and Medical Terminology	4288	Biotechnology Services
San Mateo County ROP	5562	Health Science and Medical Terminology	4288	Biotechnology 3 and 4
San Mateo County ROP	2347	Health Science and Medical Terminology	4288	Biotechnology Core, I & II
San Mateo County ROP	2295	Health Science and Medical Terminology	4280	Caregiver
San Mateo County ROP	3883	Health Science and Medical Terminology	4234	Dental Assisting
San Mateo County ROP	4142	Health Science and Medical Terminology	4265	EKG Technician
San Mateo County ROP	5997	Health Science and Medical Terminology	4276	Hospital Unit Coordinator
San Mateo County ROP	2498	Health Science and Medical Terminology	4276	Intermediate Health Ins. Billing & Coding
San Mateo County ROP	2643	Health Science and Medical Terminology	4276	Introduction to health Insurance
San Mateo County ROP	6019	Health Science and Medical Terminology	4298	Medical Administrative Assistant
San Mateo County ROP	3882	Health Science and Medical Terminology	4260	Pharmacy Technician
San Mateo County ROP	4138	Health Science and Medical Terminology	4265	Phlebotomy Technician
San Mateo County ROP	2653	Health Science and Medical Terminology	4226	Preparing to Work in Health Care, Level I

ROCP	CDE Course Number	CTE Industry Sector	CBEDS Code	Course Title
San Mateo County ROP	4145	Health Science and Medical Terminology	4260	Sports Therapy and Fitness Technician
NORTHERN REGION				
Butte County ROP	474	Health Science and Medical Terminology	4235	Dental Radiography
Butte County ROP	814	Health Science and Medical Terminology	4298	Hospital Health Occupations
Butte County ROP	339	Health Science and Medical Terminology	4242	Medical Assistant
Butte County ROP	4534	Health Science and Medical Terminology	4260	Pharmacy Technician
Butte County ROP	2201	Health Science and Medical Terminology	4265	Phlebotomy Technician I/II, Basic and Advanced
Butte County ROP	589	Health Science and Medical Terminology	4234	Registered Dental Assistant (RDA)
Butte County ROP	3128	Health Science and Medical Terminology	4260	Sports Medicine
Calaveras County ROP	785	Health Science and Medical Terminology	4227	Hospital Community Health Services
Central Sierra ROP	2433	Health Science and Medical Terminology	4234	Dental Radiology Safety Program
Central Sierra ROP	2440	Health Science and Medical Terminology	4255	Hospital Occupations
Central Sierra ROP	2442	Health Science and Medical Terminology	4242	Medical Assistant
Forty-Niner ROP	4868	Health Science and Medical Terminology	4242	Clinical Medical Assisting
Forty-Niner ROP	3183	Health Science and Medical Terminology	4234	Dental Careers
Forty-Niner ROP	3362	Health Science and Medical Terminology	4234	Dental Careers
Forty-Niner ROP	2962	Health Science and Medical Terminology	4234	Dental Careers
Forty-Niner ROP	3914	Health Science and Medical Terminology	4298	Emergency Medical Careers
Forty-Niner ROP	6030	Health Science and Medical Terminology	4298	Health Care Essentials
Forty-Niner ROP	5590	Health Science and Medical Terminology	4298	Health Careers
Forty-Niner ROP	3709	Health Science and Medical Terminology	4298	Health Careers
Forty-Niner ROP	2963	Health Science and Medical Terminology	4298	Health Careers
Forty-Niner ROP	3064	Health Science and Medical Terminology	4298	Home Health Aide
Forty-Niner ROP	1109	Health Science and Medical Terminology	4298	Home Health Aide
Forty-Niner ROP	1160	Health Science and Medical Terminology	4298	Home Health Aide
Forty-Niner ROP	618	Health Science and Medical Terminology	4242	Medical Administrative Assistant
Forty-Niner ROP	2961	Health Science and Medical Terminology	4242	Medical Assistant
Forty-Niner ROP	501	Health Science and Medical Terminology	4242	Medical Assisting
Forty-Niner ROP	1585	Health Science and Medical Terminology	4277	Medical Terminology
Forty-Niner ROP	5588	Health Science and Medical Terminology	4280	Nurse Assistant/Home Health Aide
Forty-Niner ROP	3835	Health Science and Medical Terminology	4260	Nursing Assistant
Forty-Niner ROP	1589	Health Science and Medical Terminology	4260	Sports Medicine Careers
Forty-Niner ROP	502	Health Science and Medical Terminology	4260	Sports Medicine Careers (Advanced)
Forty-Niner ROP	1217	Health Science and Medical Terminology	4280	Vocational Nursing (Licensed)
Glenn County ROP	2942	Health Science and Medical Terminology	4255	Health Occupations

ROCP	CDE Course Number	CTE Industry Sector	CBEDS Code	Course Title
Glenn County ROP	5018	Health Science and Medical Terminology	4260	Sports Medicine
Glenn County ROP	2111	Health Science and Medical Terminology	4260	Sports Therapy and Fitness Technician
Humboldt County ROP	1087	Health Science and Medical Terminology	4298	Athletic Training
Humboldt County ROP	3833	Health Science and Medical Terminology	4226	Introduction to the Medical Professions
Humboldt County ROP	3333	Health Science and Medical Terminology	4298	Paramedic
Humboldt County ROP	5008	Health Science and Medical Terminology	4265	Phlebotomy
Mendocino County ROP	2780	Health Science and Medical Terminology	4234	Dental Assistant
Mendocino County ROP	4601	Health Science and Medical Terminology	4298	Pharmacy Technician
Mendocino County ROP	1366	Health Science and Medical Terminology	4265	Phlebotomy
Sacramento County ROP	2614	Health Science and Medical Terminology	4288	Biotechnology
Sacramento County ROP	4335	Health Science and Medical Terminology	4288	Biotechnology I and II
Sacramento County ROP	4003	Health Science and Medical Terminology	4242	Chiropractic Assistant
Sacramento County ROP	5853	Health Science and Medical Terminology	4234	Coronal Polish Certification
Sacramento County ROP	2775	Health Science and Medical Terminology	4234	Dental Careers
Sacramento County ROP	2769	Health Science and Medical Terminology	4234	Dental Radiation Training & Safety
Sacramento County ROP	4341	Health Science and Medical Terminology	4298	Direct Support Professional
Sacramento County ROP	6072	Health Science and Medical Terminology	4265	EKG Monitor Technician
Sacramento County ROP	2332	Health Science and Medical Terminology	4260	Emergency Medical Technician I
Sacramento County ROP	3130	Health Science and Medical Terminology	4298	Hospital and Community Health Services
Sacramento County ROP	2520	Health Science and Medical Terminology	4242	Medical Assistant
Sacramento County ROP	2521	Health Science and Medical Terminology	4242	Medical Assistant-Clinical
Sacramento County ROP	3187	Health Science and Medical Terminology	4224	Medical Careers Exploratory Course
Sacramento County ROP	5854	Health Science and Medical Terminology	4224	Medical Technician Preparation
Sacramento County ROP	477	Health Science and Medical Terminology	4277	Medical Terminology
Sacramento County ROP	2886	Health Science and Medical Terminology	4280	Nursing Assistant/Home Health Aide
Sacramento County ROP	3993	Health Science and Medical Terminology	4280	Nursing Assistant
Sacramento County ROP	3990	Health Science and Medical Terminology	4280	Nursing Assistant/Home Health Aide
Sacramento County ROP	1330	Health Science and Medical Terminology	4265	Phlebotomy Training
Sacramento County ROP	2621	Health Science and Medical Terminology	4260	Sports Medicine
Shasta-Trinity ROP	1521	Health Science and Medical Terminology	4280	Certified Nurse Assistant/CNA
Shasta-Trinity ROP	3025	Health Science and Medical Terminology	4234	Introduction to Dental Assisting
Shasta-Trinity ROP	3015	Health Science and Medical Terminology	4280	Manicuring
Shasta-Trinity ROP	3052	Health Science and Medical Terminology	4234	Medical - Registered Dental Assistant
Shasta-Trinity ROP	4992	Health Science and Medical Terminology	4265	Medical-Patient Care Technician
Siskiyou County ROP	3913	Health Science and Medical Terminology	4280	Hospital and Community Health Services

ROCP	CDE Course Number	CTE Industry Sector	CBEDS Code	Course Title
Siskiyou County ROP	3912	Health Science and Medical Terminology	4298	Emergency Medical Technician
Tehama County ROP	4571	Health Science and Medical Terminology	4226	Health Informatics: Health Occupations
Tehama County ROP	4694	Health Science and Medical Terminology	4260	Fitness and Personal Trainer
Tri-County ROP	2266	Health Science and Medical Terminology	4280	Acute Care Nurses Assistant
Tri-County ROP	1075	Health Science and Medical Terminology	4298	Basic Arrhythmias
Tri-County ROP	2200	Health Science and Medical Terminology	4280	Basic Patient Care (CNA)
Tri-County ROP	5490	Health Science and Medical Terminology	4288	Biotechnology
Tri-County ROP	2819	Health Science and Medical Terminology	4234	Dental Assisting
Tri-County ROP	2192	Health Science and Medical Terminology	4276	Health Care Information Services
Tri-County ROP	2183	Health Science and Medical Terminology	4298	Home Health Aide (Home Care)
Tri-County ROP	2334	Health Science and Medical Terminology	4298	Hospital/Community Health Services
Tri-County ROP	2456	Health Science and Medical Terminology	4242	Medical Office Service
Tri-County ROP	2268	Health Science and Medical Terminology	4298	Medical Terminology
Tri-County ROP	1288	Health Science and Medical Terminology	4260	Physical Therapy Aide
Tri-County ROP	4032	Health Science and Medical Terminology	4280	Psychiatric Technician Assistant
Tri-County ROP	3274	Health Science and Medical Terminology	4294	RN Refresher Course
Tri-County ROP	4613	Health Science and Medical Terminology	4260	Sports Medicine Careers
Tri-County ROP	2270	Health Science and Medical Terminology	4298	Vocational Anatomy & Physiology
Tri-County ROP	2265	Health Science and Medical Terminology	4280	Vocational Nursing- Full Time
Tri-County ROP	2269	Health Science and Medical Terminology	4280	Vocational Nursing- Part-Time
Yolo County ROP	4364	Health Science and Medical Terminology	4298	First Responder/EMT
SOUTHERN REGION				
Antelope Valley ROP	3718	Health Science and Medical Terminology	4260	Cardiopulmonary Resuscitation (CPR)
Antelope Valley ROP	341	Health Science and Medical Terminology	4298	Cardiopulmonary Resuscitation (CPR)
Antelope Valley ROP	2113	Health Science and Medical Terminology	4260	CPR/ First Aid
Antelope Valley ROP	744	Health Science and Medical Terminology	4234	Dental Assisting
Antelope Valley ROP	5688	Health Science and Medical Terminology	4234	Dental Office
Antelope Valley ROP	5689	Health Science and Medical Terminology	4234	Dental Radiography
Antelope Valley ROP	494	Health Science and Medical Terminology	4298	Emergency Medical Technician
Antelope Valley ROP	3429	Health Science and Medical Terminology	4298	Emergency Medical Technician I
Antelope Valley ROP	495	Health Science and Medical Terminology	4298	EMT Preparatory
Antelope Valley ROP	725	Health Science and Medical Terminology	4298	EMT Refresher
Antelope Valley ROP	5063	Health Science and Medical Terminology	4226	Health Care Basics
Antelope Valley ROP	1265	Health Science and Medical Terminology	4226	Hospital/Community Health Occupations 1
Antelope Valley ROP	1266	Health Science and Medical Terminology	4227	Hospital/Community Health Occupations 2

ROCP	CDE Course Number	CTE Industry Sector	CBEDS Code	Course Title
Antelope Valley ROP	1267	Health Science and Medical Terminology	4227	Hospital/Community Health Occupations 3
Antelope Valley ROP	935	Health Science and Medical Terminology	4242	Introduction to Medical Office Billing
Antelope Valley ROP	1269	Health Science and Medical Terminology	4242	Medical Assisting/Administrative
Antelope Valley ROP	1270	Health Science and Medical Terminology	4242	Medical Assisting/Clinical
Antelope Valley ROP	5052	Health Science and Medical Terminology	4227	Medical Clinical 1
Antelope Valley ROP	5053	Health Science and Medical Terminology	4227	Medical Clinical 2 Internships
Antelope Valley ROP	1335	Health Science and Medical Terminology	4227	Medical Science 1
Antelope Valley ROP	934	Health Science and Medical Terminology	4242	Medical Terminology
Antelope Valley ROP	868	Health Science and Medical Terminology	4280	Nursing Careers
Antelope Valley ROP	3599	Health Science and Medical Terminology	4260	Pharmacy Assistant
Antelope Valley ROP	330	Health Science and Medical Terminology	4298	Pharmacy Technician
Antelope Valley ROP	5070	Health Science and Medical Terminology	4242	Phlebotomy Aide
Antelope Valley ROP	3597	Health Science and Medical Terminology	4280	Pre-Nursing
Baldy View ROP	2926	Health Science and Medical Terminology	4234	Dental Assistant
Baldy View ROP	3710	Health Science and Medical Terminology	4298	Emergency Medical Technician
Baldy View ROP	3712	Health Science and Medical Terminology	4298	Hospital Occupations
Baldy View ROP	3725	Health Science and Medical Terminology	4298	Lifeguard
Baldy View ROP	2933	Health Science and Medical Terminology	4242	Medical Assisting
Baldy View ROP	3724	Health Science and Medical Terminology	4280	Nursing Assistant-Certified/Acute
Baldy View ROP	2303	Health Science and Medical Terminology	4260	Pharmacy Clerk
Baldy View ROP	2928	Health Science and Medical Terminology	4260	Pharmacy Technician
Baldy View ROP	2966	Health Science and Medical Terminology	4260	Sports Medicine
Baldy View ROP	2304	Health Science and Medical Terminology	4280	Vocational Nursing
Capistrano-Laguna Beach ROP	1955	Health Science and Medical Terminology	4280	Certified Nursing Assistant/Home Health Aide
Capistrano-Laguna Beach ROP	1953	Health Science and Medical Terminology	4234	Dental Assistant
Capistrano-Laguna Beach ROP	768	Health Science and Medical Terminology	4265	Diagnostic Services
Capistrano-Laguna Beach ROP	685	Health Science and Medical Terminology	4242	Medical Assistant
Capistrano-Laguna Beach ROP	1515	Health Science and Medical Terminology	4276	Medical Insurance Billing
Capistrano-Laguna Beach ROP	767	Health Science and Medical Terminology	4255	Medical/Hospital Careers
Capistrano-Laguna Beach ROP	684	Health Science and Medical Terminology	4260	Sports Medicine
Central County ROP	2855	Health Science and Medical Terminology	4280	Certified Nurse Assistant/Home Health Aide
Central County ROP	2289	Health Science and Medical Terminology	4280	Certified Nurse Asst./Long term/home
Central County ROP	1146	Health Science and Medical Terminology	4234	Dental Assistant/Chairside I
Central County ROP	1147	Health Science and Medical Terminology	4234	Dental Assistant/Chairside II
Central County ROP	2736	Health Science and Medical Terminology	4234	Dental Front Office

ROCP	CDE Course Number	CTE Industry Sector	CBEDS Code	Course Title
Central County ROP	2753	Health Science and Medical Terminology	4235	Dental Radiography
Central County ROP	1233	Health Science and Medical Terminology	4234	Dental RDA Preparation
Central County ROP	3445	Health Science and Medical Terminology	4298	Emergency Medical Technician I
Central County ROP	2439	Health Science and Medical Terminology	4298	First Responder
Central County ROP	3702	Health Science and Medical Terminology	4226	Health Careers
Central County ROP	3463	Health Science and Medical Terminology	4226	Hospital Assistant I
Central County ROP	3460	Health Science and Medical Terminology	4227	Hospital Assistant II
Central County ROP	3447	Health Science and Medical Terminology	4280	Hospital Nursing Assistant
Central County ROP	2448	Health Science and Medical Terminology	4298	Hospital Occupations
Central County ROP	3448	Health Science and Medical Terminology	4226	Hospital Occupations Core
Central County ROP	3449	Health Science and Medical Terminology	4226	Hospital Occupations Internship
Central County ROP	2273	Health Science and Medical Terminology	4242	Medical Assisting Back Office
Central County ROP	1149	Health Science and Medical Terminology	4242	Medical Back Office/Clinical Assistant II
Central County ROP	1148	Health Science and Medical Terminology	4242	Medical Back Office/Clinical Assistant II
Central County ROP	2678	Health Science and Medical Terminology	4242	Medical Front Office
Central County ROP	4300	Health Science and Medical Terminology	4242	Medical Office Clerk
Central County ROP	2283	Health Science and Medical Terminology	4226	Medical Terminology and Human
Central County ROP	1228	Health Science and Medical Terminology	4243	Medical Terminology English
Central County ROP	3408	Health Science and Medical Terminology	4280	Nurse Assistant Acute Care
Central County ROP	2857	Health Science and Medical Terminology	4280	Nurse Assistant Acute Care
Central County ROP	5458	Health Science and Medical Terminology	4260	Sports Medicine (UC)
Coastline ROP	2630	Health Science and Medical Terminology	4280	Certified Nurse Assistant
Coastline ROP	2279	Health Science and Medical Terminology	4234	Dental Assistant/Back Office
Coastline ROP	2695	Health Science and Medical Terminology	4234	Dental Assisting-Front Office
Coastline ROP	2694	Health Science and Medical Terminology	4234	Dental Radiology/CVE
Coastline ROP	2625	Health Science and Medical Terminology	4298	Emergency Medical Technician
Coastline ROP	2629	Health Science and Medical Terminology	4298	First Responder
Coastline ROP	2632	Health Science and Medical Terminology	4276	Hospital Clerical Coordinator
Coastline ROP	2631	Health Science and Medical Terminology	4226	Introduction to Medical Careers
Coastline ROP	2628	Health Science and Medical Terminology	4242	Introduction to Office Management & Billing
Coastline ROP	2647	Health Science and Medical Terminology	4265	Laboratory Aide
Coastline ROP	2759	Health Science and Medical Terminology	4242	Medical Assistant/Clinical
Coastline ROP	2666	Health Science and Medical Terminology	4242	Medical Assistant-Administrative
Coastline ROP	2311	Health Science and Medical Terminology	4242	Medical Terminology
Coastline ROP	4112	Health Science and Medical Terminology	4280	Medical/Nursing Careers

ROCP	CDE Course Number	CTE Industry Sector	CBEDS Code	Course Title
Coastline ROP	2763	Health Science and Medical Terminology	4235	Registered Dental Assistant
Coastline ROP	4114	Health Science and Medical Terminology	4260	Sports Medicine
Coastline ROP	2624	Health Science and Medical Terminology	4260	Sports Medicine
Coastline ROP	2627	Health Science and Medical Terminology	4260	Sports Medicine
Coastline ROP	2690	Health Science and Medical Terminology	4260	Sports Medicine-Advanced
Coastline ROP	2686	Health Science and Medical Terminology	4276	Unit Secretary
Colton-Redlands-Yucaipa ROP	2829	Health Science and Medical Terminology	4234	Dental Front Office Assistant
Colton-Redlands-Yucaipa ROP	2914	Health Science and Medical Terminology	4280	Home Health Aide
Colton-Redlands-Yucaipa ROP	3624	Health Science and Medical Terminology	4227	Hospital/Community Health Services
Colton-Redlands-Yucaipa ROP	3625	Health Science and Medical Terminology	4242	Medical Administrative Assistant-Front Office
Colton-Redlands-Yucaipa ROP	3626	Health Science and Medical Terminology	4242	Medical Assistant-Clinical
Colton-Redlands-Yucaipa ROP	2698	Health Science and Medical Terminology	4276	Medical Insurance Billing
Colton-Redlands-Yucaipa ROP	2828	Health Science and Medical Terminology	4276	Medical Office Records Clerk
Colton-Redlands-Yucaipa ROP	2827	Health Science and Medical Terminology	4226	Medical Services Occupations
Colton-Redlands-Yucaipa ROP	3627	Health Science and Medical Terminology	4276	Medical Terminology
Colton-Redlands-Yucaipa ROP	3628	Health Science and Medical Terminology	4280	Nurse Assistant
Colton-Redlands-Yucaipa ROP	3620	Health Science and Medical Terminology	4280	Nurse Assistant-Acute Care
Colton-Redlands-Yucaipa ROP	1547	Health Science and Medical Terminology	4255	Pharmacy Technician
Colton-Redlands-Yucaipa ROP	2699	Health Science and Medical Terminology	4260	Physical Therapy Aide-Rehabilitation
Colton-Redlands-Yucaipa ROP	2700	Health Science and Medical Terminology	4260	Sports Medicine
Compton Unified ROP	4120	Health Science and Medical Terminology	4265	Allied Health Clinician
Compton Unified ROP	5104	Health Science and Medical Terminology	4298	Pharmacy Technician
Compton Unified ROP	5102	Health Science and Medical Terminology	4298	ROP Nursing Health Science Biology
East San Gabriel Valley ROP	1446	Health Science and Medical Terminology	4294	Certified Nurse Assistant Continuing Ed. Series 8
East San Gabriel Valley ROP	1453	Health Science and Medical Terminology	4294	Certified Nurse Assistant Continuing Ed. Series 1
East San Gabriel Valley ROP	1452	Health Science and Medical Terminology	4294	Certified Nurse Assistant Continuing Ed. Series 2
East San Gabriel Valley ROP	1451	Health Science and Medical Terminology	4294	Certified Nurse Assistant Continuing Ed. Series 3
East San Gabriel Valley ROP	1450	Health Science and Medical Terminology	4294	Certified Nurse Assistant Continuing Ed. Series 4
East San Gabriel Valley ROP	1449	Health Science and Medical Terminology	4294	Certified Nurse Assistant Continuing Ed. Series 5
East San Gabriel Valley ROP	1448	Health Science and Medical Terminology	4294	Certified Nurse Assistant Continuing Ed. Series 6
East San Gabriel Valley ROP	1447	Health Science and Medical Terminology	4294	Certified Nurse Assistant Continuing Ed. Series 7
East San Gabriel Valley ROP	1444	Health Science and Medical Terminology	4294	Certified Nurse Assistant Continuing Education
East San Gabriel Valley ROP	1445	Health Science and Medical Terminology	4294	Certified Nurse Assistant Continuing Ed. Series 9
East San Gabriel Valley ROP	3510	Health Science and Medical Terminology	4234	Dental Assisting
East San Gabriel Valley ROP	4315	Health Science and Medical Terminology	4298	Direct Support Professional

ROCP	CDE Course Number	CTE Industry Sector	CBEDS Code	Course Title
East San Gabriel Valley ROP	3867	Health Science and Medical Terminology	4298	Emergency Medical Tech Basic
East San Gabriel Valley ROP	3844	Health Science and Medical Terminology	4267	Fitness/Recreation Trainer
East San Gabriel Valley ROP	5642	Health Science and Medical Terminology	4226	Health Careers
East San Gabriel Valley ROP	3866	Health Science and Medical Terminology	4276	Health Information Coding Specialist
East San Gabriel Valley ROP	2544	Health Science and Medical Terminology	4298	Introduction to Emergency Medical Services (EMS)
East San Gabriel Valley ROP	850	Health Science and Medical Terminology	4242	Introduction to Medical Assistant
East San Gabriel Valley ROP	3176	Health Science and Medical Terminology	4242	Medical Assistant
East San Gabriel Valley ROP	2995	Health Science and Medical Terminology	4260	Sports Health Care
Hart ROP	4895	Health Science and Medical Terminology	4234	Dental Assistant
Hart ROP	4901	Health Science and Medical Terminology	4298	Emergency Medical Responder
Hart ROP	5786	Health Science and Medical Terminology	4226	Introduction to Health Care Occupations
Hart ROP	4945	Health Science and Medical Terminology	4242	Medical Office (Introduction)
Hart ROP	4938	Health Science and Medical Terminology	4298	Pharmacy
Hart ROP	4940	Health Science and Medical Terminology	4298	Physical Therapy Assistant
Inyo County ROP	1573	Health Science and Medical Terminology	4280	Certified Nurses Assistant
La Puente Valley ROP	3208	Health Science and Medical Terminology	4280	Acute Care Nurse Assistant
La Puente Valley ROP	1739	Health Science and Medical Terminology	4298	Emergency Medical Technician
La Puente Valley ROP	1749	Health Science and Medical Terminology	4298	Emergency Medical Technician 32 Hr
La Puente Valley ROP	3205	Health Science and Medical Terminology	4260	First Responder
La Puente Valley ROP	3224	Health Science and Medical Terminology	4226	Hospital Occupations
La Puente Valley ROP	3206	Health Science and Medical Terminology	4242	Medical Assistant, Administrative/Clinical
La Puente Valley ROP	1733	Health Science and Medical Terminology	4226	Medical Core I and II
La Puente Valley ROP	3207	Health Science and Medical Terminology	4242	Medical Insurance Billing CC/CTE
La Puente Valley ROP	2054	Health Science and Medical Terminology	4280	Nurse Assistant
La Puente Valley ROP	3217	Health Science and Medical Terminology	4260	Restorative Aide/ Physical Therapy Aide/CC
La Puente Valley ROP	4750	Health Science and Medical Terminology	4267	Sports Health Care
Long Beach USD ROP	1405	Health Science and Medical Terminology	4255	Hospital Health Services
Long Beach USD ROP	408	Health Science and Medical Terminology	4265	Introduction to Medical Occupations
Long Beach USD ROP	1165	Health Science and Medical Terminology	4242	Medical Assistant
Long Beach USD ROP	4365	Health Science and Medical Terminology	4276	Medical Billing
Long Beach USD ROP	406	Health Science and Medical Terminology	4276	Medical Clerical Occupations
Long Beach USD ROP	996	Health Science and Medical Terminology	4280	Nurse Assistant
Long Beach USD ROP	994	Health Science and Medical Terminology	4298	Pharmacy Technician
Long Beach USD ROP	1771	Health Science and Medical Terminology	4226	Pre-Medical Careers
Long Beach USD ROP	805	Health Science and Medical Terminology	4226	Pre-Nursing Assistant

ROCP	CDE Course Number	CTE Industry Sector	CBEDS Code	Course Title
Los Angeles County ROP	3637	Health Science and Medical Terminology	4288	Biotechnology
Los Angeles County ROP	3543	Health Science and Medical Terminology	4260	Community Counselor Aide
Los Angeles County ROP	5735	Health Science and Medical Terminology	4234	Dental Assisting (PPS)
Los Angeles County ROP	4369	Health Science and Medical Terminology	4298	Direct Support Profession
Los Angeles County ROP	3663	Health Science and Medical Terminology	4260	Emergency Medical Responder
Los Angeles County ROP	3652	Health Science and Medical Terminology	4260	Emergency Medical Technician-1B
Los Angeles County ROP	3537	Health Science and Medical Terminology	4298	Health Careers Academy
Los Angeles County ROP	3541	Health Science and Medical Terminology	4298	Health Occupations
Los Angeles County ROP	3664	Health Science and Medical Terminology	4242	Medical Assistant
Los Angeles County ROP	5737	Health Science and Medical Terminology	4242	Medical Assistant (PPS)
Los Angeles County ROP	4366	Health Science and Medical Terminology	4280	Mental Health Worker
Los Angeles County ROP	5622	Health Science and Medical Terminology	4280	Nursing Career Pathway
Los Angeles County ROP	5386	Health Science and Medical Terminology	4298	Optical Dispenser - PPS
Los Angeles County ROP	5720	Health Science and Medical Terminology	4260	Pharmacy Technician
Los Angeles County ROP	5721	Health Science and Medical Terminology	4260	Pharmacy Technician (PPS)
Los Angeles County ROP	5738	Health Science and Medical Terminology	4242	Research Medical Assistant (PPS)
Los Angeles County ROP	3686	Health Science and Medical Terminology	4260	Sports Therapy
LAUSD ROP	1661	Health Science and Medical Terminology	4234	Dental Assistant
LAUSD ROP	1654	Health Science and Medical Terminology	4235	Dental Assistant: Coronal Polishing
LAUSD ROP	2919	Health Science and Medical Terminology	4235	Dental Assistant: Radiography
LAUSD ROP	1655	Health Science and Medical Terminology	4235	Dental Assistant: Radiography
LAUSD ROP	1660	Health Science and Medical Terminology	4235	Dental Assistant: Registered (Upgrade)
LAUSD ROP	1656	Health Science and Medical Terminology	4234	Dental Assistant: Registered [National Accred.]
LAUSD ROP	1657	Health Science and Medical Terminology	4234	Dental Assistant: Registered [State Accred.]
LAUSD ROP	5150	Health Science and Medical Terminology	4298	Dispensing Optician
LAUSD ROP	3794	Health Science and Medical Terminology	4280	Emergency Medical Technician
LAUSD ROP	3795	Health Science and Medical Terminology	4294	emergency Medical Technician: Recertification
LAUSD ROP	3796	Health Science and Medical Terminology	4280	Nursing Assistant: Acute Care
LAUSD ROP	3797	Health Science and Medical Terminology	4277	Nursing Assistant: Communication Across Cultural B
LAUSD ROP	3798	Health Science and Medical Terminology	4277	Nursing Assistant: Health Care Safety
LAUSD ROP	3799	Health Science and Medical Terminology	4280	Nursing Assistant: Long-Term Care
LAUSD ROP	3802	Health Science and Medical Terminology	4276	Nursing Assistant: Medical Terminology
LAUSD ROP	3806	Health Science and Medical Terminology	4277	Nursing Assistant: Stress Management
LAUSD ROP	3807	Health Science and Medical Terminology	4266	Nursing Assistant: Vital Signs
LAUSD ROP	3808	Health Science and Medical Terminology	4277	Nursing Assistant: Weight Loss

ROCP	CDE Course Number	CTE Industry Sector	CBEDS Code	Course Title
LAUSD ROP	3801	Health Science and Medical Terminology	4280	Nursing Assistant: Long-Term Care & Home Health Aide
LAUSD ROP	3804	Health Science and Medical Terminology	4262	Nursing Assistant: Reconstructive & Plastic Surgery
LAUSD ROP	3811	Health Science and Medical Terminology	4260	Pharmacy Technician
LAUSD ROP	5151	Health Science and Medical Terminology	4260	Physical Therapy Aide
LAUSD ROP	3789	Health Science and Medical Terminology	4265	Radiologic Technologist
LAUSD ROP	2868	Health Science and Medical Terminology	4234	ROP Dental Assistant
LAUSD ROP	5152	Health Science and Medical Terminology	4260	Sports Therapy Aide
LAUSD ROP	3809	Health Science and Medical Terminology	4280	Vocational Nurse
LAUSD ROP	3810	Health Science and Medical Terminology	4294	Vocational Nurse (Update)
LAUSD ROP	3788	Health Science and Medical Terminology	4265	X-ray Technician: Limited Permit Categories [Chest
North Orange County ROP	3859	Health Science and Medical Terminology	4255	Allied Health
North Orange County ROP	3239	Health Science and Medical Terminology	4227	Allied Health Occup-Advanced: Body Sys. & Disorder
North Orange County ROP	4456	Health Science and Medical Terminology	4280	Certified Nursing Assistant, Acute Care
North Orange County ROP	3342	Health Science and Medical Terminology	4242	Computerized Medical Insurance Billing (Medisoft)
North Orange County ROP	1038	Health Science and Medical Terminology	4260	CPR for Health Care Providers
North Orange County ROP	3438	Health Science and Medical Terminology	4234	Dental Assistant - Advanced
North Orange County ROP	3483	Health Science and Medical Terminology	4234	Dental Assistant-Entry Level
North Orange County ROP	2589	Health Science and Medical Terminology	4234	Dental Office Administration/Dentrix
North Orange County ROP	3439	Health Science and Medical Terminology	4234	Dental Radiation Safety & Techniques for the Prac.
North Orange County ROP	4007	Health Science and Medical Terminology	4298	Emergency Medical Technician I
North Orange County ROP	5573	Health Science and Medical Terminology	4224	Exploring Medical Careers
North Orange County ROP	866	Health Science and Medical Terminology	4260	First Responder
North Orange County ROP	3455	Health Science and Medical Terminology	4226	Health Careers I
North Orange County ROP	3493	Health Science and Medical Terminology	4260	Health Fitness & Sports Medicine
North Orange County ROP	3492	Health Science and Medical Terminology	4298	Health Unit Coordinator
North Orange County ROP	3345	Health Science and Medical Terminology	4280	Home Health Aide for CNAs
North Orange County ROP	3361	Health Science and Medical Terminology	4294	Intravenous Therapy
North Orange County ROP	3353	Health Science and Medical Terminology	4242	Medical Assistant- Clinical
North Orange County ROP	3352	Health Science and Medical Terminology	4242	Medical Assistant-Adm. (Front Office)
North Orange County ROP	3420	Health Science and Medical Terminology	4226	Medical Core
North Orange County ROP	3243	Health Science and Medical Terminology	4242	Medical Insurance Coding
North Orange County ROP	3355	Health Science and Medical Terminology	4226	Medical Terminology
North Orange County ROP	4021	Health Science and Medical Terminology	4280	Nurse Assistant, Long-Term Care
North Orange County ROP	3422	Health Science and Medical Terminology	4260	Orthopedic Technician Program
North Orange County ROP	3418	Health Science and Medical Terminology	4298	Pharmacy Technician

ROCP	CDE Course Number	CTE Industry Sector	CBEDS Code	Course Title
North Orange County ROP	4022	Health Science and Medical Terminology	4265	Phlebotomy Aide
North Orange County ROP	3417	Health Science and Medical Terminology	4260	Physical Therapy Aide
North Orange County ROP	4184	Health Science and Medical Terminology	4260	Recreational Leadership - Therapeutics
North Orange County ROP	4009	Health Science and Medical Terminology	4280	Restorative Aide
North Orange County ROP	4011	Health Science and Medical Terminology	4265	Telemetry Technician
North Orange County ROP	4024	Health Science and Medical Terminology	4280	Vocational Nursing
Riverside County ROP	5654	Health Science and Medical Terminology	4242	Medical Assisting-Clinical
Riverside County ROP	4187	Health Science and Medical Terminology	4262	Pharmacy Technician
San Antonio ROP	4194	Health Science and Medical Terminology	4226	Allied Medical Careers
San Antonio ROP	4091	Health Science and Medical Terminology	4262	Cardiopulmonary Resuscitation
San Antonio ROP	1994	Health Science and Medical Terminology	4298	Emergency Medical Technician (EMT)
San Antonio ROP	2009	Health Science and Medical Terminology	4260	Personal Fitness
San Bernardino County ROP	2107	Health Science and Medical Terminology	4288	Biotechnology I
San Bernardino County ROP	2108	Health Science and Medical Terminology	4288	Biotechnology II
San Bernardino County ROP	1518	Health Science and Medical Terminology	4280	Certified Nurse Assistant
San Bernardino County ROP	1510	Health Science and Medical Terminology	4280	Certified Nurse Assistant-Home Health Aide
San Bernardino County ROP	544	Health Science and Medical Terminology	4265	EKG Monitor Technician
San Bernardino County ROP	2056	Health Science and Medical Terminology	4255	Emergency First Responder
San Bernardino County ROP	3892	Health Science and Medical Terminology	4234	Fundamentals of Dental Assisting
San Bernardino County ROP	1019	Health Science and Medical Terminology	4280	Home Health Aide
San Bernardino County ROP	3303	Health Science and Medical Terminology	4225	Hospital Health Careers
San Bernardino County ROP	1310	Health Science and Medical Terminology	4225	Introduction to Health Careers
San Bernardino County ROP	1013	Health Science and Medical Terminology	4225	Introduction to Hospital Careers
San Bernardino County ROP	1772	Health Science and Medical Terminology	4280	Introduction to Vocational Nursing
San Bernardino County ROP	5112	Health Science and Medical Terminology	4242	Medical Assistant Administrative and Clinical
San Bernardino County ROP	5111	Health Science and Medical Terminology	4280	Medical Assistant Back Office
San Bernardino County ROP	819	Health Science and Medical Terminology	4242	Medical Assistant Review
San Bernardino County ROP	1323	Health Science and Medical Terminology	4242	Medical Assistant, Front Office
San Bernardino County ROP	5655	Health Science and Medical Terminology	4242	Medical Assistant-Administrative and Clinical
San Bernardino County ROP	1388	Health Science and Medical Terminology	4277	Medical Insurance Billing
San Bernardino County ROP	347	Health Science and Medical Terminology	4276	Medical Record Specialist
San Bernardino County ROP	1329	Health Science and Medical Terminology	4298	Medical Terminology
San Bernardino County ROP	1295	Health Science and Medical Terminology	4276	Medical Transcription
San Bernardino County ROP	5110	Health Science and Medical Terminology	4280	Nurse Assistant - Acute Care
San Bernardino County ROP	4278	Health Science and Medical Terminology	4260	Optical Assistant

ROCP	CDE Course Number	CTE Industry Sector	CBEDS Code	Course Title
San Bernardino County ROP	1937	Health Science and Medical Terminology	4298	Personal Fitness Trainer
San Bernardino County ROP	1296	Health Science and Medical Terminology	4298	Pharmacy Technician
San Bernardino County ROP	2671	Health Science and Medical Terminology	4265	Phlebotomy Technician IA
San Bernardino County ROP	2662	Health Science and Medical Terminology	4266	Phlebotomy Technician IB
San Bernardino County ROP	2672	Health Science and Medical Terminology	4266	Phlebotomy Technician IC
San Bernardino County ROP	1774	Health Science and Medical Terminology	4260	Physical Therapy Aide
San Bernardino County ROP	3566	Health Science and Medical Terminology	4234	Registered Dental Assisting
San Bernardino County ROP	1391	Health Science and Medical Terminology	4260	Sports Therapy and Fitness
San Diego County ROP	5097	Health Science and Medical Terminology	4260	Anesthesia Technician
San Diego County ROP	2247	Health Science and Medical Terminology	4288	Biotechnology
San Diego County ROP	2159	Health Science and Medical Terminology	4234	Dental Assistant/RDA Eligible
San Diego County ROP	2166	Health Science and Medical Terminology	4260	Emergency Medical Care
San Diego County ROP	2245	Health Science and Medical Terminology	4255	Health Unit Coordinator/Assistant
San Diego County ROP	2214	Health Science and Medical Terminology	4242	Medical Assistant/Admin/Clinical
San Diego County ROP	2213	Health Science and Medical Terminology	4242	Medical Lab Assistant/Phlebotomy
San Diego County ROP	2237	Health Science and Medical Terminology	4260	Medical Occupations/First Response
San Diego County ROP	2229	Health Science and Medical Terminology	4298	Nurse Assistant
San Diego County ROP	2228	Health Science and Medical Terminology	4298	Ophthalmic Medical Assisting
San Diego County ROP	2226	Health Science and Medical Terminology	4260	Optical Technician
San Diego County ROP	2221	Health Science and Medical Terminology	4260	Orthopedic Technician
San Diego County ROP	5098	Health Science and Medical Terminology	4260	Personal Trainer & Group Exercise Leader
San Diego County ROP	2217	Health Science and Medical Terminology	4260	Pharmacy Technician
San Diego County ROP	2235	Health Science and Medical Terminology	4260	Physical/Occupational Rehabilitation Aide
San Diego County ROP	2225	Health Science and Medical Terminology	4260	Sports Medicine
San Diego County ROP	2044	Health Science and Medical Terminology	4260	Surgical Technology
San Diego County ROP	2041	Health Science and Medical Terminology	4265	Telemetry
San Diego County ROP	5094	Health Science and Medical Terminology	4280	Vocational Nurse
Santa Barbara County ROP-North	1097	Health Science and Medical Terminology	4227	Health Careers
Santa Barbara County ROP-North	1098	Health Science and Medical Terminology	4260	Physical Therapy
Santa Barbara County ROP-South	4209	Health Science and Medical Terminology	4227	Advanced Health Careers
Southeast ROP	4217	Health Science and Medical Terminology	4242	Computerized Medical Office
Southeast ROP	4216	Health Science and Medical Terminology	4234	Dental Radiography
Southeast ROP	1096	Health Science and Medical Terminology	4298	Health Careers
Southeast ROP	4381	Health Science and Medical Terminology	4260	Pharmacy Clerk Operations
Southeast ROP	3868	Health Science and Medical Terminology	4260	Pharmacy Technician Occupations

ROCP	CDE Course Number	CTE Industry Sector	CBEDS Code	Course Title
Southern California ROC	471	Health Science and Medical Terminology	4260	Emergency Medical/First Responder
Southern California ROC	4643	Health Science and Medical Terminology	4298	English for Health Care Professionals
Southern California ROC	4612	Health Science and Medical Terminology	4280	Fundamentals of Collegiate Nursing
Southern California ROC	5908	Health Science and Medical Terminology	4255	Hospital Support Services
Southern California ROC	5909	Health Science and Medical Terminology	4298	Intro to Health Careers
Southern California ROC	5910	Health Science and Medical Terminology	4298	Intro to Pharmacy Technician
Southern California ROC	4910	Health Science and Medical Terminology	4234	Introduction to Dental Front Office
Southern California ROC	4398	Health Science and Medical Terminology	4234	Introduction to Dental Health Careers
Southern California ROC	1611	Health Science and Medical Terminology	4225	Introduction to Health Care Occupations
Southern California ROC	4911	Health Science and Medical Terminology	4234	RDA Exam Review
Southern California ROC	4714	Health Science and Medical Terminology	4260	Sports Medicine
Southern California ROC	1610	Health Science and Medical Terminology	4260	Sports Therapy
Tri-Cities ROP	4231	Health Science and Medical Terminology	4280	California Certified Medical Assistant Preparation
Tri-Cities ROP	3195	Health Science and Medical Terminology	4280	Certified Nurse Assistant Continuing Education #1
Tri-Cities ROP	3164	Health Science and Medical Terminology	4280	Certified Nurse Assistant Continuing Education #10
Tri-Cities ROP	3168	Health Science and Medical Terminology	4280	Certified Nurse Assistant Continuing Education #2
Tri-Cities ROP	3191	Health Science and Medical Terminology	4280	Certified Nurse Assistant Continuing Education #3
Tri-Cities ROP	3192	Health Science and Medical Terminology	4280	Certified Nurse Assistant Continuing Education #4
Tri-Cities ROP	3193	Health Science and Medical Terminology	4280	Certified Nurse Assistant Continuing Education #5
Tri-Cities ROP	3194	Health Science and Medical Terminology	4280	Certified Nurse Assistant Continuing Education #6
Tri-Cities ROP	3167	Health Science and Medical Terminology	4280	Certified Nurse Assistant Continuing Education #7
Tri-Cities ROP	3166	Health Science and Medical Terminology	4280	Certified Nurse Assistant Continuing Education #8
Tri-Cities ROP	3196	Health Science and Medical Terminology	4280	Certified Nurse Assistant Continuing Education #9
Tri-Cities ROP	4230	Health Science and Medical Terminology	4280	Certified Nursing Assistant Continuing Ed Series 8
Tri-Cities ROP	4228	Health Science and Medical Terminology	4280	Certified Nursing Assistant Continuing Education
Tri-Cities ROP	4330	Health Science and Medical Terminology	4280	Certified Nursing Asst, Continuing Ed #10
Tri-Cities ROP	4052	Health Science and Medical Terminology	4234	Dental Assisting
Tri-Cities ROP	4060	Health Science and Medical Terminology	4234	Dental Assisting Clinical
Tri-Cities ROP	4059	Health Science and Medical Terminology	4234	Dental X-Ray
Tri-Cities ROP	4331	Health Science and Medical Terminology	4298	Direct Support Professional Training
Tri-Cities ROP	3234	Health Science and Medical Terminology	4232	Emergency Medical Technician-1
Tri-Cities ROP	3248	Health Science and Medical Terminology	4232	Emergency Medical Technician-1 (Refresher)
Tri-Cities ROP	3249	Health Science and Medical Terminology	4232	First Responder
Tri-Cities ROP	3238	Health Science and Medical Terminology	4255	Hospital Careers
Tri-Cities ROP	5959	Health Science and Medical Terminology	4232	Introduction to Emergency Responder

ROCP	CDE Course Number	CTE Industry Sector	CBEDS Code	Course Title
Tri-Cities ROP	3263	Health Science and Medical Terminology	4226	Introduction to Medical Careers
Tri-Cities ROP	3260	Health Science and Medical Terminology	4267	Introduction to Physical Rehabilitation & Fitness
Tri-Cities ROP	3237	Health Science and Medical Terminology	4242	Medical Assisting Administrative
Tri-Cities ROP	3236	Health Science and Medical Terminology	4242	Medical Assisting Clinical
Tri-Cities ROP	1130	Health Science and Medical Terminology	4298	Medical Terminology
Tri-Cities ROP	6046	Health Science and Medical Terminology	4280	Nurse Assistant
Tri-Cities ROP	3258	Health Science and Medical Terminology	4280	Nurse Assistant Pathway (Acute Care Nurse Assist.)
Tri-Cities ROP	3257	Health Science and Medical Terminology	4280	Nurse Assistant Pathway (Home Health Aide)
Tri-Cities ROP	2197	Health Science and Medical Terminology	4234	Registered Dental Assistant
Tri-Cities ROP	3228	Health Science and Medical Terminology	4280	Restorative Nurse Assistant
Ventura County ROP	1514	Health Science and Medical Terminology	4280	Certified Nursing Assistant
Ventura County ROP	2773	Health Science and Medical Terminology	4235	Dental Assistant, Radiology, and Coronal Polishing
Ventura County ROP	5717	Health Science and Medical Terminology	4260	Emergency First Responder
Ventura County ROP	2809	Health Science and Medical Terminology	4276	Health Careers and Medical Terminology
Ventura County ROP	2794	Health Science and Medical Terminology	4255	Medical Assistant
Ventura County ROP	4359	Health Science and Medical Terminology	4255	Medical Assistant Back Office
Ventura County ROP	1887	Health Science and Medical Terminology	4260	Sports Medicine

High Demand ROCP Courses
Manufacturing and Product Development Sector
 (Existing green focused courses highlighted in green. Pending courses in pink.)

ROCP	CDE Course Number	CTE Industry Sector	CBEDS Code	Course Title
CENTRAL REGION				
Kings County ROP	741	Manufacturing and Product Development	5616	Welding and Construction I
Kings County ROP	740	Manufacturing and Product Development	5616	Welding and Construction II
Kings County ROP	5158	Manufacturing and Product Development	5616	Welding Fabrication I
Kings County ROP	5159	Manufacturing and Product Development	5616	Welding Fabrication II
Kings County ROP	5157	Manufacturing and Product Development	5620	Welding - Stainless
Fresno ROP	2209	Manufacturing and Product Development	5616	ARC Welding
Fresno ROP	2545	Manufacturing and Product Development	5601	Engineering and Product Development
Fresno ROP	4411	Manufacturing and Product Development	5618	Oxyacetylene Welding
Yosemite ROP	2419	Manufacturing and Product Development	5608	Metal Fabrication
COASTAL REGION				
Eden Area ROP	827	Manufacturing and Product Development	5616	Welding Metal Fabrication Technology
Santa Clara County ROP	2089	Manufacturing and Product Development	5608	Metal Fabrication
Santa Clara County ROP	1060	Manufacturing and Product Development	5616	Welding
NORTHERN REGION				
Sacramento County ROP	2331	Manufacturing and Product Development	5608	Manufacturing Technology: Metals
Shasta-Trinity ROP	3026	Manufacturing and Product Development	5608	Metal Fabrication and Welding
Tri-County ROP	5713	Manufacturing and Product Development	5955	Advanced Welding and Construction
SOUTHERN REGION				
Central County ROP	5453	Manufacturing and Product Development	5611	Plastics Occupations I - Thermo Plastics
Central County ROP	5454	Manufacturing and Product Development	5611	Plastics Occupations II - Thermo Plastics
Central County ROP		Manufacturing and Product Development	5612	Robotics
La Puente Valley ROP	2904	Manufacturing and Product Development	5649	Pre-Engineering & Technology
San Bernardino County ROP	5106	Manufacturing and Product Development	5649	Engineering Design & Development
San Diego County ROP	2234	Manufacturing and Product Development	5611	Plastics/Composite Processing
San Diego County ROP	2000	Manufacturing and Product Development	5616	Welding Training/Testing
Southeast ROP		Manufacturing and Product Development		Welding

High Demand ROCP Courses
Marketing, Sales, and Service Sector
 (Existing green focused courses highlighted in green. Pending courses in pink.)

ROCP	CDE Course Number	CTE Industry Sector	CBEDS Code	Course Title
NORTHERN REGION				
Sacramento County ROP	3371	Marketing, Sales, and Service	4116	Real Estate Occupations-Escrow Assistant
SOUTHERN REGION				
Central County ROP	1991	Marketing, Sales, and Service	4116	Escrow Processor
Central County ROP	1227	Marketing, Sales, and Service	4116	Mortgage Loan Processing Clerk
Coastline ROP	4087	Marketing, Sales, and Service	4116	Careers in Real Estate
La Puente Valley ROP	5081	Marketing, Sales, and Service	4116	Real Estate Agent: Principals
Los Angeles County ROP	4361	Marketing, Sales, and Service	4116	Escrow Assistant
LAUSD ROP	1756	Marketing, Sales, and Service	4116	Real Estate Agent: Finance
LAUSD ROP	1759	Marketing, Sales, and Service	4116	Real Estate Agent: Appraisal
LAUSD ROP	1757	Marketing, Sales, and Service	4116	Real Estate Agent: Escrow Principles
North Orange County ROP	3683	Marketing, Sales, and Service	4116	Escrow Assistant
North Orange County ROP	3357	Marketing, Sales, and Service	4116	Mortgage Loan Processing Clerk
San Bernardino County ROP	3782	Marketing, Sales, and Service	4116	Escrow Technician
San Diego County ROP	2206	Marketing, Sales, and Service	4116	Real Estate
Southeast ROP	3907	Marketing, Sales, and Service	4116	Real Estate Agent/Principles
Southeast ROP	3906	Marketing, Sales, and Service	4116	Real Estate Mortgage/Loan Processing

High Demand ROCP Courses**Transportation Sector**

(Existing green focused courses highlighted in green. Pending courses in pink.)

ROCP	CDE Course Number	CTE Industry Sector	CBEDS Code	Course Title
CENTRAL REGION				
Fresno ROP	4470	Transportation	5654	Auto Collision Repair
Fresno ROP	1161	Transportation	5655	Auto Mechanics Fundamentals
Fresno ROP	4468	Transportation	5655	Auto Systems Technology
Fresno ROP	1404	Transportation	5654	Automotive Refinishing
Fresno ROP	4801	Transportation	5655	Automotive Technician Training (ASE) Test Prep
Fresno ROP	4462	Transportation	5655	Automotive Technology
Fresno ROP	4444	Transportation	5657	Diesel Engine Technology
Fresno ROP	4439	Transportation	5655	Engine Technology
Kern County ROP	2541	Transportation	5655	Automotive Mechanics
Kern High ROC	2711	Transportation	5654	Auto Body/Fender Repair
Kern High ROC	2724	Transportation	5688	Auto Technology
Kern High ROC	2567	Transportation	5688	Auto Technology
Kern High ROC	2722	Transportation	5688	Auto Technology 2
Kern High ROC	2721	Transportation	5688	Auto Technology 3
Kern High ROC	2720	Transportation	5688	Auto Technology 4
Kern High ROC	2719	Transportation	5688	Auto Technology 5
Kern High ROC	2718	Transportation	5688	Auto Technology 6
Kern High ROC	2716	Transportation	5688	Auto Technology 7
Kern High ROC	2563	Transportation	5657	Diesel Mechanics
Kern High ROC	1241	Transportation	5661	Small Engine Repair
Kings County ROP	1141	Transportation	5655	Advanced Automotive Services
Kings County ROP	1138	Transportation	5654	Auto Body and Paint
Kings County ROP	1140	Transportation	5688	Automotive Internship
Merced County ROP	1980	Transportation	5688	Automotive Services I and II
Mono County ROP	1517	Transportation	5652	Automotive Service Technician I and II
North Kern Vocational Training Center	1918	Transportation	5654	Auto Body Paint Refinishing
North Kern Vocational Training Center	1922	Transportation	5688	Auto Technology
San Joaquin County ROCP	455	Transportation	5655	Automotive Technology I and II
San Joaquin County ROCP	1832	Transportation	5688	Automotive Technology III

ROCP	CDE Course Number	CTE Industry Sector	CBEDS Code	Course Title
Valley ROP	1480	Transportation	5652	Auto Mechanics 1
Valley ROP	2494	Transportation	5655	Auto Mechanics 2
Valley ROP	2495	Transportation	5655	Auto Mechanics 3
Valley ROP	1482	Transportation	5684	Engine Performance
Valley ROP	1290	Transportation	5661	Small Gas Engines and Outdoor Power
West Side ROP	2784	Transportation	5652	Automotive Technology
West Side ROP	395	Transportation	5655	Automotive Technology
Yosemite ROP	582	Transportation	5653	AIRFRAME and Power-Plant Mechanics
Yosemite ROP	2496	Transportation	5654	Auto Body Repair
Yosemite ROP	2493	Transportation	5654	Auto Body Repair II
Yosemite ROP	2501	Transportation	5676	Auto Repair I
Yosemite ROP	2500	Transportation	5652	Auto Service Tech 1 & 2
Yosemite ROP	2505	Transportation	5652	Auto Service Tech 3 & 4
Yosemite ROP	2503	Transportation	5670	Auto Transmission Repair (Front Wheel)
Yosemite ROP	2502	Transportation	5652	Automotive Training
Yosemite ROP	2499	Transportation	5672	Automatic Transmission Repair
Yosemite ROP	2497	Transportation	5661	Small Engine/Motor 3-4
Yosemite ROP	2504	Transportation	5661	Small Engine/Motor Repair
COASTAL REGION				
Contra Costa County ROP	531	Transportation	5655	Automotive Technician
Contra Costa County ROP	3298	Transportation	5654	ROP Automobile Body Repair
Eden Area ROP	1534	Transportation	5654	Auto Painting
Eden Area ROP	1972	Transportation	5664	Automotive Collision
Eden Area ROP	1932	Transportation	5655	Automotive Mechanic Technology ¹
Eden Area ROP	2068	Transportation	5652	Basic Automotive
Marin County ROP	2339	Transportation	5655	Auto Technology
Metro Education District	756	Transportation	5654	Auto Body Refinishing
Metro Education District	1222	Transportation	5654	Auto Body Repair and Refinishing
Metro Education District	3767	Transportation	5652	Automotive Services
Metro Education District	1221	Transportation	5688	Auto Transmissions
Metro Education District	1198	Transportation	5680	Auto Tune-Up and Electrical Systems
Metro Education District	829	Transportation	5676	Brakes and Alignment
Metro Education District	893	Transportation	5688	Engine Repair and Transmissions
Metro Education District	4067	Transportation	5662	School Bus Driver

ROCP	CDE Course Number	CTE Industry Sector	CBEDS Code	Course Title
Metro Education District	4083	Transportation	5678	Smog/Clean Air Car Bar 00 Advanced
Metro Education District	4079	Transportation	5678	Smog/Clean Air Car-Intern Technician License Req.
Metro Education District	4080	Transportation	5678	Smog/Clean Air-Certification/Licensing Introduction
Metro Education District	4075	Transportation	5678	Technician License Requirements
Metro Education District	4077	Transportation	5662	Tow Truck Operator
Metro Education District	1111	Transportation	5657	Truck Mechanics
Mission Trails ROP	2284	Transportation	5655	Auto Service
Mission Trails ROP	1018	Transportation	5654	Automobile Body and Fender
Mission Trails ROP	1026	Transportation	5654	Automobile Body and Fender Co-op
Mission Valley ROCP	2374	Transportation	5654	Auto Body and Refinishing
Mission Valley ROCP	2379	Transportation	5672	Automotive Transmission & Transaxle
Mission Valley ROCP	2293	Transportation	5655	Automotive Technology ²
Mission Valley ROCP	509	Transportation	5686	Heating, Ventilation, Air Conditioning and Refrigeration
Mission Valley ROCP	2375	Transportation	5654	Major Collision/Repair & Refinishing
Mission Valley ROCP	5658	Transportation	5655	Small Engine Repair
Napa County ROP	447	Transportation	5652	Auto Services Levels 1, 2, 3
Oakland/Alameda ROP	5214	Transportation	5655	Auto Technology I
Oakland/Alameda ROP	5215	Transportation	5655	Auto Technology II
Santa Clara County ROP	897	Transportation	5655	Automotive Technology 1
Santa Cruz County ROP	964	Transportation	5654	Advanced Autobody Repair
Santa Cruz County ROP	965	Transportation	5654	Auto Detailing
Santa Cruz County ROP	2841	Transportation	5654	Autobody Repair
Santa Cruz County ROP	743	Transportation	5688	Clean Air
Santa Cruz County ROP	751	Transportation	5678	Engine performance
Santa Cruz County ROP	747	Transportation	5682	Engine Repair
Santa Lucia ROP	2871	Transportation	5688	Automotive Engine Diagnosis
Santa Lucia ROP	2874	Transportation	5688	Automotive Internship
Santa Lucia ROP	2873	Transportation	5688	Automotive Light Repair
Santa Lucia ROP	2872	Transportation	5688	Automotive Maintenance
Santa Lucia ROP	2839	Transportation	5676	Automotive Power Train System
Sonoma County ROP	2843	Transportation	5654	Auto Body Repair and Paint
Solano County ROP	888	Transportation	5688	Auto Mechanics
Solano County ROP	3645	Transportation	5655	Automotive Technology II
Solano County ROP	891	Transportation	5674	Automotive Technology-Brakes

ROCP	CDE Course Number	CTE Industry Sector	CBEDS Code	Course Title
Solano County ROP	889	Transportation	5679	Automotive Technology-Electrical Systems
Solano County ROP	892	Transportation	5684	Automotive Technology-Engine Performance
Solano County ROP	882	Transportation	5675	Automotive Technology Suspension and Steering
Solano County ROP	3643	Transportation	5675	Automotive Technology-Suspension & Steering
Sonoma County ROP	1187	Transportation	5655	Advanced Automotive Technology/Diesel
Sonoma County ROP	5840	Transportation	5655	Automotive Technology Diesel
Tri-Valley ROP	1431	Transportation	5654	Auto Collision Repair I
Tri-Valley ROP	1429	Transportation	5652	Auto Service and Maintenance
Tri-Valley ROP	1430	Transportation	5682	Automotive Machinist
Tri-Valley ROP	1182	Transportation	5660	Small Engines/Motorcycle Technology
NORTHERN REGION				
Amador County ROP	3722	Transportation	5652	ROP Automotive Services
Amador County ROP	3723	Transportation	5652	ROP Automotive Services
Butte County ROP	596	Transportation	5654	Auto Body Paint and Repair
Butte County ROP	3270	Transportation	5655	Automotive Technology
Calaveras County ROP	1325	Transportation	5688	Automotive Electricity and Electronics
Calaveras County ROP	1327	Transportation	5655	Automotive Mechanics Combination
Calaveras County ROP	775	Transportation	5655	ROP Auto III and IV
Calaveras County ROP	776	Transportation	5688	ROP Auto I and II
Central Sierra ROP	2408	Transportation	5654	Auto Body
Central Sierra ROP	2528	Transportation	5688	Auto Engine
Central Sierra ROP	2409	Transportation	5655	Automotive Mechanics
Central Sierra ROP	2459	Transportation	5655	Automotive Service
Forty-Niner ROP	4857	Transportation	5652	Automotive Services
Forty-Niner ROP	2401	Transportation	5652	Automotive Services
Forty-Niner ROP	4864	Transportation	5655	Automotive Technology
Glenn County ROP	2943	Transportation	5655	Automotive Technology
Humboldt County ROP	3327	Transportation	5652	ASE Automotive Academy-Brakes
Humboldt County ROP	3331	Transportation	5652	ASE Automotive Academy-Suspension/Steering
Humboldt County ROP	3337	Transportation	5652	Automotive Technology
Humboldt County ROP	5956	Transportation	5654	ROP Automotive Body Repair and Refinishing
Lake County ROP	1073	Transportation	5655	Auto Mechanics 1, 2, 3
Lassen ROP	1761	Transportation	5654	Auto Collision and Refinishing
Lassen ROP	1766	Transportation	5688	Automotive Mechanics
Lassen ROP	2146	Transportation	5652	Automotive Services

ROCP	CDE Course Number	CTE Industry Sector	CBEDS Code	Course Title
Lassen ROP	2179	Transportation	5688	Diesel, Tools, and Parts
Lassen ROP	2177	Transportation	5661	Small Engine Repair
Lassen ROP	2150	Transportation	5688	Tools, Parts and Service
Plumas County ROP	349	Transportation	5652	Auto Mechanics Occupations
Plumas County ROP	3475	Transportation	5652	Auto Mechanics Occupations
Sacramento County ROP	2134	Transportation	5654	Auto Collision Repair and Estimator I and II
Sacramento County ROP	3498	Transportation	5655	Auto Mechanics Tech 1 (Basic) Semesters 1&2
Sacramento County ROP	3499	Transportation	5653	Automotive Collision Repair & Refinish Tech II
Sacramento County ROP	2988	Transportation	5654	Automotive Collision Repair & Refinish Tech 1
Sacramento County ROP	1911	Transportation	5655	Automotive Service Technician 1 (Basic) Sem 1 & 2
Sacramento County ROP	3067	Transportation	5655	Automotive Technology II, Semesters 1-4
Sacramento County ROP	2824	Transportation	5655	Automotive Technology III
Shasta-Trinity ROP	3407	Transportation	5688	Automotive Technology ³
Tehama County ROP	4567	Transportation	5688	Automotive Service: Vehicle Maintenance
Tri-County ROP	4747	Transportation	5664	Advanced Auto Body Repair
Tri-County ROP	5321	Transportation	5666	Auto Body Refinishing
Tri-County ROP	3048	Transportation	5654	Auto Body Repair
Tri-County ROP	3047	Transportation	5688	Auto Diagnosis and Tune-up
Tri-County ROP	3933	Transportation	5688	Auto Technology
SOUTHERN REGION				
Antelope Valley ROP	5046	Transportation	5655	Automotive Engine Rebuilding and Re-finishing
Antelope Valley ROP	1263	Transportation	5655	Automotive General Service Technician
Antelope Valley ROP	1469	Transportation	5655	Automotive Repair and Service Occupations
Antelope Valley ROP	1478	Transportation	5658	Automotive Parts Specialist
Antelope Valley ROP	736	Transportation	5674	Brake Technician
Antelope Valley ROP	1268	Transportation	5688	Lubrication Specialist
Antelope Valley ROP	1472	Transportation	5661	Small Engine Repair
Antelope Valley ROP	1473	Transportation	5688	Tire Service Technician
Baldy View ROP	2920	Transportation	5654	Auto Body Repair/Paint
Baldy View ROP	1083	Transportation	5652	Auto Quick Service
Baldy View ROP	2921	Transportation	5655	Automotive
Baldy View ROP	2305	Transportation	5688	Automotive Performance & Customization
Capistrano-Laguna Beach ROP		Transportation		Automotive Technology
Central County ROP	1528	Transportation	5652	Automotive and Transportation Technology I

ROCP	CDE Course Number	CTE Industry Sector	CBEDS Code	Course Title
Central County ROP	442	Transportation	5652	Automotive and Transportation Technology II
Central County ROP	441	Transportation	5652	Automotive and Transportation Technology III
Central County ROP	1151	Transportation	5654	Automotive Body Repair and Refinishing
Central County ROP	2748	Transportation	5676	Automotive Brakes & Suspension
Central County ROP	1984	Transportation	5676	Automotive Brakes and Front End
Central County ROP	2747	Transportation	5688	Automotive Careers
Central County ROP	1238	Transportation	5652	Automotive Careers I
Central County ROP	1237	Transportation	5652	Automotive Careers II
Central County ROP	1236	Transportation	5652	Automotive Careers III
Central County ROP	4395	Transportation	5688	Automobile Detailing
Central County ROP	1981	Transportation	5678	Automotive Lubrication and Tune-up
Central County ROP	5428	Transportation	5688	Automotive Performance & Customization II
Central County ROP	4986	Transportation	5688	Automotive Performance and Customization I
Central County ROP	1150	Transportation	5654	Automobile Spray Painting
Central County ROP	2745	Transportation	5678	Automotive Tune-up & Emissions Control
Central County ROP	3676	Transportation	5660	Motorcycle/ATV/Small Engine/Personal Water Craft Tech
Central County ROP	4305	Transportation	5660	Motorcycle/ATV/Small Engine/Personal Watercraft Tech
Central County ROP	431	Transportation	5662	Truck Driving
Colton-Redlands-Yucaipa ROP	4031	Transportation	5654	Auto Collision Repair and Refinishing
Colton-Redlands-Yucaipa ROP	1512	Transportation	5688	Automotive General Service Technician
East San Gabriel Valley ROP	3693	Transportation	5655	Automotive Technology
Hart ROP	4893	Transportation	5655	Automotive Technology
Inyo County ROP	1588	Transportation	5688	Auto Mechanics I & II
Inyo County ROP	1548	Transportation	5660	Motorcycle/Small Engine Repair
La Puente Valley ROP	3159	Transportation	5655	Auto. Tech. Training, Auto. Repair & Tune Up II
La Puente Valley ROP	5895	Transportation	5682	Small Engine Technician
Long Beach Unified School District ROP	1407	Transportation	5654	Auto Body Repair 1-2
Long Beach Unified School District ROP	1410	Transportation	5654	Auto Body Repair 3-4
Long Beach Unified School District ROP	1409	Transportation	5654	Introduction to Careers in Auto Collision Repair
Long Beach Unified School District ROP	3478	Transportation	5664	Intro to Career in Auto Collision Repair
Los Angeles County ROP	3840	Transportation	5688	Automotive Detailing
Los Angeles County ROP	3534	Transportation	5654	Automotive Collision Repair and Refinishing
Los Angeles County ROP	3666	Transportation	5652	Automotive Technology
LAUSD ROP	1645	Transportation	5653	Airframe and Power plant Technician

ROCP	CDE Course Number	CTE Industry Sector	CBEDS Code	Course Title
LAUSD ROP	1647	Transportation	5653	Airframe Technician Trainee
LAUSD ROP	1646	Transportation	5653	Airline Maintenance Operations
LAUSD ROP	2580	Transportation	5654	Auto Body Estimator
LAUSD ROP	2579	Transportation	5654	Auto Body Technician (Fundamentals)
LAUSD ROP	2577	Transportation	5654	Auto Body Technician Assistant
LAUSD ROP	2831	Transportation	5654	Auto Body Technician I
LAUSD ROP	2578	Transportation	5654	Auto Body Technician/2
LAUSD ROP	2612	Transportation	5655	Auto Technician: Electronic Engine Controls
LAUSD ROP	2610	Transportation	5655	Auto Technician: Electronic Engine Controls - ASE
LAUSD ROP	2611	Transportation	5655	Auto Technician: Electronic Engine Controls (Upgrade)
LAUSD ROP	2566	Transportation	5655	Automobile Technician: General Service
LAUSD ROP	2587	Transportation	5655	Automotive Technician (Fundamentals)
LAUSD ROP	2588	Transportation	5655	Automotive Technician (Introduction)
LAUSD ROP	2575	Transportation	5655	Automotive Technician (Upgrade)
LAUSD ROP	2576	Transportation	5655	Automotive Technician Trainee
LAUSD ROP	2596	Transportation	5655	Automotive Technician/1
LAUSD ROP	2595	Transportation	5655	Automotive Technician/2
LAUSD ROP	2590	Transportation	5655	Automotive Technician/3
LAUSD ROP	2559	Transportation	5655	Automotive Technician: Advanced Diagnostics for Au
LAUSD ROP	2558	Transportation	5655	Automotive Technician: Auto Air Conditioning and E
LAUSD ROP	2609	Transportation	5655	Automotive Technician: Electronics
LAUSD ROP	2557	Transportation	5655	Automotive Technician: Engine Performance/1
LAUSD ROP	2574	Transportation	5655	Automotive Technician: Engine Performance/2
LAUSD ROP	2572	Transportation	5655	Automotive Technician: Exhaust Emissions
LAUSD ROP	2571	Transportation	5655	Automotive Technician: Exhaust Emissions (Upgrade)
LAUSD ROP	2569	Transportation	5655	Automotive Technician: Exhaust Emissions-20-Hr.OBD
LAUSD ROP	2608	Transportation	5655	Automotive Technician: Diagnostic Oscilloscope Test
LAUSD ROP	2573	Transportation	5655	Automotive Technician: Exhaust Emissions (Fundament)
LAUSD ROP	2570	Transportation	5655	Automotive Technician: Exhaust Emissions-20-Hr.Smog
LAUSD ROP	2568	Transportation	5655	Automotive Technician: Exhaust Emissions-Smog Tech.
LAUSD ROP	2599	Transportation	5655	Brakes, Steering, and Suspension Technician
LAUSD ROP	2600	Transportation	5655	Brakes, Steering, and Suspension Technician (Intro)
LAUSD ROP	2597	Transportation	5655	Brakes, Steering, and Suspension Technician Trainee
LAUSD ROP	2598	Transportation	5655	Brakes, Steering, and Suspension Technician (Upgrade)

ROCP	CDE Course Number	CTE Industry Sector	CBEDS Code	Course Title
LAUSD ROP	2586	Transportation	5657	Diesel Technician (Fundamentals)
LAUSD ROP	2584	Transportation	5657	Diesel Technician Trainee
LAUSD ROP	2585	Transportation	5657	Diesel Technician: Fuel Systems
LAUSD ROP	1650	Transportation	5653	Power plant Technician Trainee
LAUSD ROP	2562	Transportation	5655	Transmission Technician Trainee
LAUSD ROP	2564	Transportation	5655	Transmission Technician: Automatic Transmission (Fund.)
North Orange County ROP	3736	Transportation	5654	Auto Body Repair Occupations
North Orange County ROP	3752	Transportation	5655	Automotive Technician Training
North Orange County ROP	3754	Transportation	5688	Automotive Detailing
North Orange County ROP	3390	Transportation	5655	Hybrid Automotive Technology
North Orange County ROP	3358	Transportation	5655	Intro to Automotive Technology
North Orange County ROP	3423	Transportation	5660	Motorcycle Repair/Personalized Watercraft Tech.
San Bernardino County ROP	728	Transportation	5654	Auto Collision repair
San Bernardino County ROP	4627	Transportation	5652	Automotive Engine Performance
San Bernardino County ROP	4626	Transportation	5652	Automotive Fundamentals
San Bernardino County ROP	4621	Transportation	5652	Automotive Maintenance
San Bernardino County ROP	4624	Transportation	5652	Automotive Services
San Bernardino County ROP	4632	Transportation	5652	Automotive Systems
San Bernardino County ROP	4622	Transportation	5652	Automotive Technician
San Bernardino County ROP	1567	Transportation	5657	Diesel Technology
San Bernardino County ROP	4631	Transportation	5660	Motorcycle Maintenance
San Bernardino County ROP	3518	Transportation	5676	NATEF Certification (Alignment/Brakes/Suspension)
San Bernardino County ROP	3081	Transportation	5680	NATEF Certification (Engine Performance & Electrical)
San Diego County ROP	2256	Transportation	5654	Auto Body Repair and Refinishing
San Diego County ROP	2250	Transportation	5678	Auto Engine Performance/Suspension/Steering/Brakes
San Diego County ROP	2884	Transportation	5682	Auto Engine Rebuilding
San Diego County ROP	2255	Transportation	5655	Auto Technology
San Diego County ROP	2252	Transportation	5672	Auto Trans/Drive Train/ Axles
San Diego County ROP	2153	Transportation	5657	Diesel Equipment Technician
San Diego County ROP	2165	Transportation	5661	Engine Repair
San Diego County ROP	2040	Transportation	5662	Straight Truck/Bus Driving
San Diego County ROP	3547	Transportation	5662	Tow Truck Operator
San Diego County ROP	3545	Transportation	5662	Tow Truck Operator-Advanced
San Diego County ROP		Transportation		Power, Energy and Transportation, Electric Vehicle

ROCP	CDE Course Number	CTE Industry Sector	CBEDS Code	Course Title
Santa Barbara County ROP-North	4967	Transportation	5655	Auto Brakes, Front-End, Steering and Suspension
Santa Barbara County ROP-North	4966	Transportation	5655	Auto Tune-up and Emissions Inspection
Santa Barbara County ROP-North	4962	Transportation	5652	Automotive Occupations
Santa Barbara County ROP-South	3559	Transportation	5654	Advanced Auto Body Repair
Santa Barbara County ROP-South	3618	Transportation	5654	Advanced Auto Body Repair and Compliance Req.
Santa Barbara County ROP-South	3558	Transportation	5654	Auto Body Repair
Southeast ROP	4863	Transportation	5654	Auto Body: Non-Structural Damage Repair
Southeast ROP		Transportation		Alternative Fuels ⁴
Southeast ROP	3497	Transportation	5678	Power Technology-Advanced Engine Performance
Southern California ROC	1601	Transportation	5686	Automotive Heating & Air Conditioning
Tri-Cities ROP	3162	Transportation	5676	Automotive Brakes and Wheel Alignment
Tri-Cities ROP	3165	Transportation	5655	Automotive Technology
Ventura County ROP	2808	Transportation	5664	Auto Body Repair
Ventura County ROP	2799	Transportation	5666	Auto Paint Repair and Refinishing
Ventura County ROP	2796	Transportation	5688	Auto Service

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	Unique Code	Local Title	Cert Units	Deg Units	Deg Type	Year Apprv	Year Proj	Conj Prog	Trans Prog	Occup Prog	Crswk Only
0934.00 Electronics and Electric Techno											
Southwestern College											
	16577	Electrical and Electronics Test Technician	32.0	32.0	S	2005				1	
			Intensive courses meet 10-20 hours per week. Inlcudes DC and AC current electronics, electronic assembly, solid state and digital devices, electronic communications, work experience.								
American River College											
	16734	Mechtronics	36.0	36.0	A	2005				1	
Riverside City College											
	16882	Dental Assistant	42.0	42.0	S	2006				1	
Santa Rosa Junior College											
	16965	Medical Assisting: Administrative & Clinical	48.0	49.0	S	2006				1	
Foothill College											
	16980	Nanoscience	40.0	43.0	S	2006			1	1	
			Options: Nanoscience; Nanobiotechnology Sciences; Nanofabrication (certificate only); Characterization & Modeling (certificate only)								
Cuesta College											
	00000	Basic Water Treatment	3.0			2006					
			Local approval 2002								
	00000	Water Distribution Systems	3.0			2006					
Orange Coast College											
	17033	Electronics Technology: Automation & Motor Control [degree]		22.5	B	2006				1	
Pasadena City College											
	00000	Basic Digital Technician	12.0			2005					
	00000	Electrical Technology - Applied Circuits	16.0			2005					
Fresno City College											
	00000	Electronics Systems Technology: Communications	16.0			2004					
	00000	Electrical Systems Technology: Network Security	15.0			2004					
	00000	Electrical Systems Technology: Wireless Network	9.0			2004					
Skyline College											
	00000	Medical Office Assistant	13.0			2008				1	
			Approved as Certificate of Achievement.								
Santiago Canyon College											
	00000	Water Utility Supervisor	16.0			2005					

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American River College										
00000	Digital Repair and Upgrade Technician	15.0			2008					1
Approved as Certificate of Achievement.										
Contra Costa College										
00000	Computer Repair Technology	4.0			2001					
Los Angeles Trade-Technical										
00000	Semiconductor Devices Technician	16.0			2005					
American River College										
00000	Digital Repair and Upgrade Technician	11.0			2006					
Allan Hancock College										
17481	Electronics Technology: Mechatronics	52.0	52.0	S	2007					1
Los Angeles Trade-Technical										
00000	Electronics and Electric Technology	16.0			2005					
00000	Advanced Electronics Assembly and Repair	17.0			2005					
00000	Basic Electronics Assembly and Repair	12.0			2005					
Orange Coast College										
00000	Electronics Maintenance	15.5			2007					
Oxnard College										
17622	Dental Assisting	26.0			2007					1
Sequoias, College of the										
17641	Electrician Training	32.0			2007					1
Victor Valley Community Coll										
00000	Renewable Energy	17.0			2002					
Santiago Canyon College										
17687	Apprenticeship: Operating Engineers, Heavy Duty Repairman	24.0	24.0	B	2007					2
San Bernardino Valley Colleg										
17766	General Electrician Certification Training	44.0			2007					1
San Diego City College										
18024	Electronics: Military Electronics Technology		19.5	S	2008					1
Shasta College										
18156	General Studies - Industrial Technologies		18.0	S	2008					

	Unique Code	Local Title	Cert Units	Deg Units	Deg Type	Year Apprv	Year Proj	Conj Prog	Trans Prog	Occup Prog	Crswk Only
Orange Coast College											
	18196	Electronics Technology: Automation & Motor Control	22.5			2006				1	
	18197	Electronics Technology: Electronics Engineering Technician	27.5			1970			1	1	
	18204	Medical Assisting: CMA Eligible Program	38.0			1970			1	1	
Santa Rosa Junior College											
	00000	Water Utility Operations	16.0			2008				1	
Approved as Certificate of Achievement.											
Barstow College											
	18492	Electronics Technology	20.0			1970				1	
	18493	Electronics Technology		20.0	S	2008				1	
	18496	Medical Assistant	33.5			1989				1	
	18497	Medical Assistant		21.0	S	2008				1	
Coastline Community College											
	18719	Process Technology	25.5	25.5	A	2008				1	
Diablo Valley College											
	18812	Electricity/Electronics		26.0	S	2008				1	
	18846	Photovoltaic Energy Systems Design and Installation	26.0			2008				1	
	18847	Photovoltaic Energy Systems Design and Installation		26.0	S	2008				1	
Canyons, College of the											
	18993	Water Systems Technology	21.0			2009				1	
0707.30	Computer Systems Analysis										
Cerritos College											
	02218	Business CIS: Analyst	37.0	37.0	A	1967				1	
Includes advanced systems analysis and design.											
Irvine Valley College											
	04160	Systems Analysis	28.0	28.0	S	1985			2	1	
Saddleback College											
	00000	Business Systems Analyst	29.0	29.0	B	1989			2	1	
Operating systems, programming, databases, networking, etc. * Inactive *											
Monterey Peninsula College											
	00000	Computer Information Systems Design	28.0	34.0	S	1975				1	
Includes one course in systems analysis & design. Last offered 2003. * Inactive *											

Unique Code	Local Title	Cert Units	Deg Units	Deg Type	Year Apprv	Year Proj	Conj Prog	Trans Prog	Occup Prog	Crswk Only
Fullerton College										
03836	Electronics, Technical	33.0	18.0	S	1970			2	1	
Golden West College										
03901	Engineering Technology	26.0	26.0	A	1987			2	1	
Develops fundamentals in electrical components, electronic circuits, and microprocessors. Employment oriented or transfer.										
Orange Coast College										
03975	Electronics Techngy: Electronics Engineering Technician [D]		27.5	B	1970			1	1	
Saddleback College										
04062	General Electronic Technology	18.0	18.0	B	1974				1	
Includes 20-unit electronics technology core.										
Riverside City College										
04468	Electronics Technology	28.0	28.0	S	1968				1	
Sacramento City College										
04668	Automated Systems Technician	45.0	45.0	S	1970				1	
Requires 18 unit electronics technology core, plus specialty coursework. Programming, testing, repair and maintenance of digital and analog computer controlled systems.										
Barstow College										
00000	Electronics Technology	20.0	20.0	S	1970				1	
* Inactive *										
Palomar College										
05160	Advanced Electronic Technician	39.0	39.0	A	1970				1	
San Diego City College										
05238	Electronics	27.0			1970				1	
Southwestern College										
05385	Electronics: Electronics Technician	26.0	26.0	S	1970				1	
Requires 12-unit electronics core, plus specialty coursework in circuits, microprocessors, etc.										
San Francisco, City College										
05462	Electronic Engineering Technology		24.0	S	1970				1	
Incorporates core coursework from general Engineering Technology.										
Cuesta College										
05665	Electronics Technology	50.0	50.0	S	1965				1	
Includes operating systems, laboratory techniques, electronics fundamentals, analog devices, digital circuits, wireless communications, microcomputer architecture, troubleshooting, industrial electronics, PLC's, computer maintenance, cabling, fiber optics cabling, math.										

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Allan Hancock College										
05853	Electronics Technology		30.0	S	1970				1	
San Jose City College										
00000	Electronics Technology	46.0	46.0	S	1978			2	1	
Includes all Certificate of Specialization coursework. * Inactive *										
Santa Rosa Junior College										
06582	Electronic Technology: Accelerated	49.0	50.0	S	1971			2	1	
Includes DC & AC current, electronic math & construction, devices, pulse & digital circuits, circuit theory, communications, tests & measurement, microwave. Degree added 2004.										
Sequoias, College of the										
06733	Electronics Technology	35.0	35.0	S	1961			2	1	
Yuba College										
07021	Electronics Technology		20.0	S	1970			2	1	
American River College										
07210	Electronic Systems Technology	37.0	37.0	S	1960				1	
Combination of former Digital Systems and Electronic Communication programs. First two semesters introduce principles of electronics and robotics, fiber optic and telecommunication cabling, surface mount and through hole soldering, computer upgrade and repair, semiconductor applications and computer application integration. Remaining semesters offer more advanced digital and communication courses.										
Sacramento City College										
07339	Electronics Facilities Maintenance Technician	49.0	49.0	S	1992				1	
Requires 18 unit electronics technology core, plus specialty coursework.										
07340	Electronics Mechanic	31.0			1992				1	
Requires 18 unit electronics technology core, plus electives. Assembly and testing of electronic circuit devices.										
San Joaquin Delta College										
07402	Electrical Technology	38.0			1979				1	
Both apprenticeship & certificate.										
07403	Electronics Technology	30.5			1979				1	
Victor Valley Community Coll										
07557	Electronics Engineering Technology-- Electronics Emphasis	56.0	56.0	S	1989				1	
Same requirements for degree and certificate. Specialty work in electronic communications. Pattern with more advanced math available for transfer students.										
07561	Digital Electronics	30.0			1972				1	

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Unique Code	Local Title	Cert Units	Deg Units	Deg Type	Year Apprv	Year Proj	Conj Prog	Trans Prog	Occup Prog	Crswk Only
Sierra College										
07966	Computer Integrated Electronics: Electronics Technology		27.0	B	1991				1	
		A.S. requires laboratory science.								
00000	Linear Electronics Skills Certificate	15.0			1991				1	
		"Qualifies students for entry-level technical positions in industries which manufacture and service analog equipment."								
Mount San Antonio College										
08074	Electronics Communications	33.0			1989				1	
		Same elements as "Electronics Engineering Technology," minus courses in industrial electronics, microprocessors, and microcomputer interfacing.								
08075	Electronics Technology	23.0			1989				1	
		One year program for entry level employment as electronics technician.								
Los Angeles City College										
08228	Electronics: Basic	30.0			1970				1	
08230	Microprocessor Systems Technology	54.0	51.0	A	1980				1	
		Microprocessors in personal and small business computers, arcade games, intelligent consumer products and appliances; and as control elements in industrial processes, robotics, environmental control systems, peripheral devices for larger computers, automobiles, and similar applications.								
Los Angeles Harbor College										
08301	Engineering Technology: Electronics		69.0	S	1975			2		
		Oriented toward transfer to Engineering Technology program at Cal Poly Pomona.								
Fullerton College										
08412	Digital Electronics	20.0			1987				1	
		Similar coursework to Microcomputer Technology.								
Long Beach City College										
08810	Electrical Technology	45.0	45.0	S	1970				1	
		Residential, commercial, industrial applications. Separate day and night patterns.								
San Francisco, City College										
00000	Electronics: Option II-Digital Electronics	13.0			1985				1	
		Certificate of Completion.								
San Bernardino Valley Colleg										
09267	Electronics Technology	34.0	34.0	S	1970			2	1	
Pasadena City College										
09345	Electrical Technology	39.0	39.0	S	1973				1	
		Eletrical test instruments, design & installation of electrical equipment, etc.								

Unique Code	Local Title	Cert Units	Deg Units	Deg Type	Year Apprv	Year Proj	Conj Prog	Trans Prog	Occup Prog	Crswk Only
Glendale College										
09482	Electronics Engineering Technician	37.0	37.0	S	1957				1	
Santa Rosa Junior College										
09625	Electronics Technology: Extended	50.0	51.0	S	1975			2	1	
Includes DC & AC current, electronic math & construction, devices, pulse & digital circuits, circuit theory, communications, tests & measurement, microwave. Degree added 2004.										
Chabot College										
00000	Electronics Audio/Video Technology	40.0			1970				1	
* Inactive *										
00000	Engineering Technology -- Electronics		47.0	S	1970				1	
Emphasis on electronics, fabrication, semiconductor devices, microprocessors. Includes eight units of physics. * Inactive *										
Saddleback College										
09842	Analog and Digital Circuit Electronic Technology	20.0	20.0	B	1993			2	1	
Includes 20-unit electronics technology core.										
09843	Digital Electronic Technology	22.0	22.0	B	1991			2	1	
Includes 20-unit electronics technology core.										
Cerritos College										
09915	Industrial Technology: Electronics (transfer)		40.0	A	1968			2		
Includes advanced math, physics, engineering graphics as well as electronics courses.										
Allan Hancock College										
10156	Electronics Technology: Digital Systems	37.0	37.0	S	1992				1	
Certificate is called Digital Systems Technician.										
Irvine Valley College										
10283	Electronics Technology	28.0	28.0	S	1985			2	1	
Los Angeles Pierce College										
10729	Electronics: Digital	20.0			1970				1	
Requires 12 unit electronics certificate core, plus specialty coursework.										
10731	Electronics: Analog	20.0			1970				1	
Requires 12 unit electronics certificate core, plus specialty coursework.										
Los Angeles Valley College										
10757	Electronics Technology	22.0			1970				1	
10758	Electronics Technician	42.0			1970				1	
Adds to one-year certificate, coursework on computer circuitry, microprocessors, technical computer applications, etc.										

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Victor Valley Community Coll										
10798	Electronics Technology	44.0			1961				1	
Each student must choose one of the following options, 6 units each: optoelectronics; telecommunications; consumer electronics; industrial electronics; biomedical electronics.										
San Jose City College										
00000	Electronics Technology: Technician	26.0			1978				1	
Certificate of Specialization. * Inactive *										
Hartnell College										
00000	Electronics Assembler/Trainee	12.0			1980				1	
Citrus College										
11226	Electronics Technician	24.0			1979				1	
Cerritos College										
11395	Electronics Technology		24.0	A	1964				1	
Also requires math co-requisites.										
Los Angeles Trade-Technical										
12068	Electronics Engineering Technician	27.0			1970				1	
Evening program.										
Chabot College										
00000	Electronics Assembly	17.5			1996				1	
* Inactive *										
San Mateo, College of										
13267	Electronics & Electric Technolo	44.0	44.0	S	1970			2	1	
Separate day and evening programs. Day program requires 39.5-41.5 units; evening program requires 29.5-31.5 units. Also available: Advanced Placement Electronics Technology, for those who come in with existing professional background, 19 units.										
00000	Electronics Assembly	7.0			2001				1	
Riverside City College										
00000	Analog & Digital Microelectronics	15.0			2002				1	
00000	Analog Electronics, Analysis & Documentation	15.0			2002				1	
00000	Analog Electronics Technology	11.0			2002				1	
00000	Digital Electronics Technology	11.0			2002				1	
00000	Digital Technology & Documentation	16.0			2002				1	
00000	Electronic Circuit Analysis	10.0			2002				1	
00000	Electronics Documentation	9.0			2002				1	
00000	General Electronics Core	16.0			2002				1	
00000	Microprocessor Technology	12.0			2002				1	
Irvine Valley College										
00000	Electronics Aide	16.0			2002				1	

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	Unique Code	Local Title	Cert Units	Deg Units	Deg Type	Year Apprv	Year Proj	Conj Prog	Trans Prog	Occup Prog	Crswk Only
American River College											
	00000	Basic Electronics and Telecommunications	10.0			2002				1	
San Joaquin Delta College											
	14595	Electrical Technology - Apprenticeship Option	40.0			2003				2	
Apprenticeship only. Prepares the apprentice for completion of the related and supplemental instruction component of the State approved San Joaquin and Stanislaus Counties Apprenticeship Program.											
Pasadena City College											
	00000	Basic Digital Technician	12.0			2003					
Allan Hancock College											
	15596	Basic Electronic Training	18.0			1970				1	
El Camino College											
	00000	Electronics Technician	16.0			2002					
Los Angeles Southwest Colleg											
	00000	Electronics Technician	16.0			1971				1	
Merced College											
	16242	Electronics Technician	38.5	38.5	A	1990				1	
Sub-category of Electronics Technology.											
Solano Community College											
	00000	Job-Direct: Electronic Security & Surveillance Technician	10.0			2003					
	00000	Job-Direct: Home Technology Integrator	10.0			2003					
0934.00	Electronics and Electric Techno										
American River College											
	00000	Advanced Electronics and Telecommunications	17.0			2008				1	
Approved as Certificate of Achievement.											
0946.10	Energy Systems Technology										
Merritt College											
	01240	Environmental Design and Energy Technology	29.0	29.0	S	1981				1	
Primarily oriented toward energy auditing and energy efficiency in buildings.											
0947.20	Heavy Equipment Maintenance										
San Diego Miramar College											
	05078	Diesel Technology: Heavy Duty Transportation Technology	47.0	47.0	S	1980				1	
	09718	Diesel Technology: Heavy Equipment Technology	44.0	44.0	S	1980				1	

	Unique Code	Local Title	Cert Units	Deg Units	Deg Type	Year Apprv	Year Proj	Conj Prog	Trans Prog	Occup Prog	Crswk Only
Redwoods, College of the											
	00000	Diesel Truck Electrical	8.0			2002					
	00000	Diesel Engine Overhaul	17.5			2002					
	00000	Diesel Fuel Injection & Electronics	15.0			2002					
	00000	Diesel Power Train	6.0			2002					
	00000	Diesel Truck Maintenance & Power Train	8.0			2002					
0947.20 Heavy Equipment Maintenance											
Santa Ana College											
	04207	Diesel and Heavy Equipment Technology	37.0	37.0	B	1970				1	
Allan Hancock College											
	07177	Apprenticeship: Operating	24.0			1960				2	
San Diego Miramar College											
	12648	San Diego City Civil Serv: Equipment Mechanic Apprenticeship	42.0	42.0	S	2002				2	
			Apprenticeship only. Sponsored by City of San Diego civil service system. Maintenance and repair of diesel and other equipment.								
San Joaquin Delta College											
	14146	Heavy Equipment Mechanic	34.0			2002				1	
			Includes diesel engines, power trains, hydraulics, electrical, fuel and tune-up, air conditioning, troubleshooting, etc.								
	14147	Heavy Equipment Technician	43.0	40.0	S	2002				1	
			Inlcudes all coursework for Heavy Equipment Mechanic, plus welding, industrial math, equipment operation.								
	14290	Caterpillar Dealer Service Technician		54.0	S	2002				2	
			Apprenticeship only. Sponsored by San Joaquin Valley Automotive Trades Apprenticeship Committee. Work placements at six Caterpillar dealerships.								
Santa Ana College											
	00000	Transport Refrigeration/Temperature Control	13.0			2002				1	
0958.00 Water and Wastewater Technology											
Los Angeles Trade-Technical											
	02917	Water Systems Technology: Supply Water Technology		22.0	S	1981				1	
Mount San Antonio College											
	03036	Water Technology	18.0			1970				1	
			Focuses on water distribution; does not include wastewater.								
Sacramento City College											
	04675	Water and Wastewater Treatment Plant Operation	59.5	59.5	A	1975				1	
			Option under the "Mechanical-Electrical Technology" program.								

Unique Code	Local Title	Cert Units	Deg Units	Deg Type	Year Apprv	Year Proj	Conj Prog	Trans Prog	Occup Prog	Crswk Only
Palomar College										
05173	Wastewater Technology Education	31.0	31.0	A	1971				1	
Santa Barbara City College										
05946	Water Science: Wastewater Collection Option	23.0			1987				1	
Solano Community College										
06530	Water & Wastewater Technology	28.5	28.5	S	1974				1	
Ventura College										
06970	Water Science: Wastewater Option	28.0	28.0	S	1970				1	
		Requires 22 unit water science core, plus six units specialty coursework.								
Los Angeles Trade-Technical										
08489	Solid Waste Management Technology	24.0			1981				1	
Palomar College										
08937	Water Technology Education	31.0	31.0	A	1971				1	
San Bernardino Valley Colleg										
09328	Water Supply Engineering	26.0	26.0	S	1975				1	
		Water supply and wastewater treatment. Degree is designed to provide coursework for Water Supply Engineering concentration within CSU Bakersfield's Environmental Resrouces Management baccalaureate major.								
Shasta College										
09506	Water/Waste Water Treatment	18.0			1989				1	
Ventura College										
10521	Water Science: Water Option	28.0	28.0	S	1970				1	
		Requires 22 unit water science core, plus six units specialty coursework.								
Los Angeles Trade-Technical										
10754	Supply Water Systems Technology	22.0			1981				1	
10755	Wastewater Systems Technology		21.0	S	1981				1	
Santa Barbara City College										
10906	Water Science: Wastewater Treatment Option	20.0			1987				1	
10907	Water Science: Water Distribution Option	26.0			1987				1	
10908	Water Science: Water Treatment Option	26.0			1987				1	
Canyons, College of the										
10924	Water Systems Technology		21.0	S	1986				1	
		Water distribution and wastewater program. Prepares for state certification tests.								

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Unique Code	Local Title	Cert Units	Deg Units	Deg Type	Year Apprv	Year Proj	Conj Prog	Trans Prog	Occup Prog	Crswk Only
Imperial Valley College										
00000	Water Treatment Technology	14.0			1971				1	
Citrus College										
11237	Water Technology	20.0	18.0	S	1970				1	
Hartnell College										
11822	Water Technology--Wastewater Management	20.0	23.0	S	1982				1	
11823	Water Technology--Water Management	20.0	23.0	S	1982				1	
Inactive as of Nov 2006.										
Santiago Canyon College										
11907	Water Distribution and Water Treatment Options	21.0	21.0	B	2000				1	
Covers both water distribution and wastewater.										
11908	Wastewater/Environmental Sanitation	18.0	18.0	B	2000			1		
More advanced than Water Utility Science, but covers similar topics; could lead to transfer.										
Sequoias, College of the										
00000	Waste Water Treatment	6.0			1996					
Mount San Jacinto College										
14270	Water Technology	18.0	18.0	S	2002				1	
Prepares for entry-level water and wastewater system operations positions. Prepares for certification exams given by State Department of Health and State Water Resources Board.										
Cuyamaca College										
14479	Water Treatment Plant Operator	29.0	29.0	S	2003				1	
Students will prepare to qualify for and successfully complete certification examinations required by the State of California for employment at local and regional water treatment facilities										
14480	Wastewater Treatment Operator	29.0	29.0	S	2003				1	
Students will prepare to qualify for and successfully complete certification examinations required by the State of California for employment at local and regional wastewater treatment facilities.										
15518	Cross Connection Control Systems	28.0	28.0	S	2004				1	
Students will prepare to qualify for and successfully complete certification examinations required by the State of California for employment at local and regional water and wastewater treatment facilities.										
15699	Water Distribution Systems	29.0	29.0	S	2004				1	
15700	Wastewater Collection Systems	29.0	29.0	S	2004				1	
Imperial Valley College										
00000	Wastewater Technology	14.0			1971				1	
15827	Water Treatment Technology		22.0	S	1971			2	1	
Degree combines both water treatment and wastewater.										

	Unique Code	Local Title	Cert Units	Deg Units	Deg Type	Year Apprv	Year Proj	Conj Prog	Trans Prog	Occup Prog	Crswk Only
0999.00 Other Engineering and Industrial Technology											
Taft College											
	02106	Industrial Technology		18.0	S	1970				1	
											Any combination of courses in auto tech., drafting, electronics. Some art, business, math courses may apply.
San Joaquin Delta College											
	07421	Technical Education		18.0	A	1963			2	1	
											A.A. area of concentration available for any combination of auto tech, construction tech (includes mechanical, carpentry, mill cabinet, refrigeration), diesel tech, electrical tech, engineering tech, industrial tech, electronic tech, mechanical tech, electron microscopy, psychiatric tech.
Lassen College											
	09311	General Gunsmithing		42.0	S	1973				1	
											Emphasis on customizing firearms.
	09312	Firearm Repair		42.0	S	1973				1	
											Less emphasis on customizing, more on repairs.
San Diego City College											
	09469	Solar Turbines Inc. Apprenticeship	40.0	40.0	S	1995				2	
											Apprenticeship only. Several trades: master machinist; general maintenance mechanic, plaster patternmaker, tool and die maker; precision machine tool mechanic; gas turbine experimental mechanic (sheet metal).
Allan Hancock College											
	10145	Space Operations: Electronics Technology	39.0	39.0	S	1997				1	
											Linked to Lompoc missile range. Requires three courses in satellite and space technology, plus electronics courses.
Golden West College											
	11447	Technology		18.0	A	1968			2	1	
											Any 18 units of technology coursework.
Lassen College											
	00000	Gunsmith Machinist	16.0			1973				1	
											Certificate of Completion.
	00000	Riflesmith	16.0			1973				1	
											Certificate of Completion.
Cerro Coso Community College											
	11581	Trades Practices		19.0	A	1996				1	
											Designed to satisfy China Lake Naval Air Station cooperative education requirements for apprentices. Requires basic technical math, plus 15 units from any two of the following areas: drafting technology, electronics technology, machine tool technology, or welding technology.

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Unique Code	Local Title	Cert Units	Deg Units	Deg Type	Year Apprv	Year Proj	Conj Prog	Trans Prog	Occup Prog	Crswk Only
Orange Coast College										
11600	Industrial Technology		18.0	A	1974					
Requires any 18 units from Aviation Pilot Training, Aviation Maintenance Technology, Construction Technology, Drafting Technology, Electronic Technology, Heating & Air Conditioning, High Technology, Machine Technology, or Welding.										
Sacramento City College										
11955	Electric Vehicle Technology	18.0			2000				1	
Includes electric vehicle conversion, batteries, electronics, etc.										
Long Beach City College										
12778	Advanced Transportation Technology- -Alternative Fuels	24.0	24.0	S	2002				1	
Emphasis on heavy duty alternative (gaseous) fuel vehicles and conversions.										
12779	Advanced Transportation Technology- -Electric Vehicles	18.5	18.5	S	2002				1	
Includes advanced and competition electric vehicles, introduction to alternative fuels.										
Desert, College of the										
13485	Advanced Transportation Technologies		40.0	S	2002				1	
Combines general automotive courses with advanced courses in engine performance, electrical systems, alternative fuels (compressed natural gas and LPG), hybrid electric drives, hydrogen fuel cells.										
13486	Automotive Performance & Emission Control Technician	26.0			2002				1	
Includes Advanced Transportation power trains, electrical, fuel cells and hybrid drives, engine performance, smog controls.										
13487	Automotive Alternative Fuels	21.0			2002				1	
Includes Advanced Tranportation power trains, electrical, engine performance, compressed natural gas and LPG.										
00000	Automotive Electrical Technician	13.5			2002				1	
Includes Advanced Transportation power trains, electrical, basic fuel cells and hybrid drives.										
Lassen College										
00000	Long Gun	17.0			2002				1	
Certificate of Completion.										
00000	Pistolsmith	16.0			2002				1	
Certificate of Completion										
Mount San Jacinto College										
00000	Alternative Fuels, Bus Transit and Heavy Duty Transportation	13.0			2003					

	Unique Code	Local Title	Cert Units	Deg Units	Deg Type	Year Apprv	Year Proj	Conj Prog	Trans Prog	Occup Prog	Crswk Only
Long Beach City College											
	00000	Traffic Signals Systems 1	9.0			2003					
	00000	Advanced Transportation Tech - Heavy Duty Alternate Fuels	7.0			2002					
	00000	Advanced Transportation Tech - Lt/Med Duty Alternate Fuels	7.0			2002					
	00000	Advanced Transportation Tech - Electric Vehicles	6.0			2002					
San Diego City College											
	16465	Shipbuilding Technology	27.0	27.0	S	2005			2	1	
Includes shipbuilding technology, shipbuilding processes, safety, organization & leadership, electrical theory, print reading, etc. May articulate to Industrial Technology major at CSU Fresno.											
208.00	Medical Assisting										
Chabot College											
	01082	Medical Assisting	31.0	42.0	A	1970				1	
Combined clinical and administrative.											
Redwoods, College of the											
	01834	Medical Assisting	32.0	29.0	S	1969				1	
Educational opportunities for students seeking careers as medical assistants providing office, administrative, and clinical support services to medical practitioners.											
Imperial Valley College											
	01893	Medical Assistant	26.5			1998				1	
Administrative and clinical components.											
Antelope Valley College											
	02167	Medical Assistant	38.0	38.0	S	1970				1	
Cerritos College											
	02241	Medical Assistant	30.0	34.0	A	1968				1	
East Los Angeles College											
	02456	Medical Assistant	41.0	44.0	S	1970				1	
Program includes three options, reflected under separate T.O.P. codes: Medical Assistant (1208.00); Community Health Worker (1261.00); and Medical Secretary (0514.20).											
Long Beach City College											
	02680	Medical Assisting: Combined Administrative/Clinical	31.0	31.0	B	1970				1	
A.S. degree does not require American Institutions (U.S. history and government) coursework; A.A. does.											
Pasadena City College											
	03142	Medical Assisting: Administrative-Clinical	37.0	37.0	S	1970				1	
Leads to eligibility for certification exam by American Assn of Medical Assts.											

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Unique Code	Local Title	Cert Units	Deg Units	Deg Type	Year Apprv	Year Proj	Conj Prog	Trans Prog	Occup Prog	Crswk Only
Monterey Peninsula College										
03635	Medical Assisting	37.0	37.0	S	1970					1
Combination clinical and administrative.										
Orange Coast College										
04005	Medical Assisting: CMA Eligible Program		38.0	B	1970			1		1
Santa Ana College										
04227	Medical Assistant--Administrative/Clinical		21.0	B	1973					1
Mount San Jacinto College										
04416	Medical Assistant	24.0	24.0	S	2000					1
Includes clinical and administrative components.										
Riverside City College										
04487	Administrative/Clinical Medical Assisting	22.0	22.0	S	1978					1
Cosumnes River College										
04622	Medical Assisting	38.0	35.0	S	1976					1
Combined administrative and clinical.										
Victor Valley Community Coll										
04956	Medical Assistant	23.5	26.5	S	1987					1
Clinical and administrative.										
San Diego Mesa College										
05343	Medical Assisting	34.0	40.0	S	1970					1
Graduates eligible for AAMA national certifying exam.										
San Francisco, City College										
05492	Medical Office Assisting	53.0	55.0	S	1970					1
Includes clinical assisting.										
Cuesta College										
05677	Medical Assisting	26.0	26.0	S	1975					1
Clinically oriented.										
De Anza College										
05980	Medical Assisting	52.0	52.0	A	1967					1
Clinical and administrative.										
West Valley College										
06263	Medical Assistant	42.0	42.0	S	1965					1
Modesto Junior College										
06681	Medical Assisting	35.5	35.5	S	1970					1
Prepares for national certification exam given by American Assn. of Medical Assistants. Two-semester program.										
West Valley College										
07481	Medical Transcription	28.0	28.0	S	1985					1

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Unique Code	Local Title	Cert Units	Deg Units	Deg Type	Year Apprv	Year Proj	Conj Prog	Trans Prog	Occup Prog	Crswk Only
Contra Costa College										
07613	Medical Assisting and Office Technician	39.0	39.0	S	1970				1	
San Francisco, City College										
09196	Medical Transcription	32.0			1975				1	
Pasadena City College										
09362	Medical Assisting: Medical Insurance Biller	26.0	26.0	S	1970				1	
Cabrillo College										
09600	Medical Assistant	34.5	41.5	S	1962				1	
Barstow College										
00000	Medical Assistant	33.5	20.0	S	1989				1	
* Inactive *										
Saddleback College										
09856	Medical Assistant	37.0	37.0	B	1973				1	
Combined administrative and clinical.										
Riverside City College										
10088	Medical Transcription	26.0	26.0	S	1978				1	
Allan Hancock College										
00000	Medical Billing	16.0			1996				1	
Canyons, College of the										
12271	Medical Assistant	19.5			2001				1	
Curriculum based on statewide model curriculum for medical assistants published by Chancellor's Office.										
Marin, College of										
00000	Medical Terminology	6.0			2002				1	
Skills Certificate.										
00000	MediSoft	5.5			2002				1	
Skills Certificate.										
Cerro Coso Community College										
00000	Administrative Medical Assisting Award	9.0			1997				1	
00000	Medical Assisting Externship Award	3.0			1997				1	
Cuesta College										
00000	Medical Assisting	14.0			1998				1	
East Los Angeles College										
00000	Medical Billing Assistant	17.0			2001				1	
Evergreen Valley College										
00000	BIS: Medical Office Assistant	17.5			2000				1	
Long Beach City College										
00000	Medical Insurance Billing	6.0			2001				1	

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	Unique Code	Local Title	Cert Units	Deg Units	Deg Type	Year Apprv	Year Proj	Conj Prog	Trans Prog	Occup Prog	Crswk Only
Canada College											
	15479	Medical Assisting	41.0	41.0	S	2004				1	
	15482	Medical Billing Specialist	24.0	24.0	S	2004				1	
	15483	Medical Transcription	33.0	33.0	S	2004				1	
1240.10	Dental Assistant										
Alameda, College of											
	01124	Dental Assisting	40.0	40.0	S	1970				1	
Contra Costa College											
	01419	Dental Assisting	50.0	50.0	S	1970				1	
Diablo Valley College											
	01492	Dental Assisting	41.5	41.5	S	1970				1	
Reedley College											
	01779	Dental Assisting	47.0	47.0	S	1970				1	
Redwoods, College of the											
	01835	Dental Assisting	32.0	29.0	S	1975				1	
Cerritos College											
	02242	Dental Assistant	32.0	32.0	A	1960				1	
Citrus College											
	02343	Dental Assistant	30.0	18.0	S	1966			2	1	
Pasadena City College											
	03143	Dental Assisting	35.0	35.0	S	1970				1	
Marin, College of											
	03398	Dental Assisting: Registered	41.5	38.5	S	1970				1	
Monterey Peninsula College											
	03636	Dental Assisting	31.0	31.0	S	1970				1	
Cypress College											
	03786	Dental Assistant	29.5	29.5	S	1973				1	
Orange Coast College											
	04006	Dental Assisting: Registered	27.0	27.0	B	1970				1	
Sacramento City College											
	04690	Dental Assisting	27.0	27.0	S	1970				1	
Chaffey College											
	04791	Dental Assisting	31.0	31.0	S	1970				1	
Palomar College											
	05189	Dental Assisting (Registered Dental Assistant)	39.5	39.5	A	1970				1	
San Diego Mesa College											
	05344	Dental Assisting (RDA, CDA)	29.5	29.5	S	1970				1	
Graduates eligible for State RDA & CDA National exam.											

LIST OF CALIFORNIA APPRENTICESHIP PROGRAMS - DIVISION OF APPRENTICESHIP STANDARDS (DAS)

INDUSTRY	NAME	NO. OF APPRENTICE
Asbestos Workers Committees	Southern California Heat & Frost Insulators & Allied Workers J.A.C. (Los Angeles)	448
Asbestos Workers Committees	Northern California Heat & Frost Insulators J.A.C. (Alameda)	629
Automotive Committees	Alameda & Contra Costa Counties Automotive Repair Trades J.A.C.	968
Automotive Committees	San Joaquin Valley Automotive Trades J.A.C.	410
Automotive Committees	San Francisco, Marin, San Mateo & Northern Santa Clara Counties Automotive Repair Trades J.A.C.	270
Automotive Committees	Santa Clara & San Benito Counties Machinist Joint Apprenticeship And Training Committee	27
Automotive Committees	Santa Clara County Automotive Repair Trades J.A. & E.A.C.	566
Automotive Committees	Northeastern California Automotive, Truck & Machinist Industries Jac (Sacramento)	4
Automotive Committees	Sonoma County Automotive & Marin & Sonoma Counties Machinist J A C	26
Automotive Committees	Alameda & Contra Costa Counties Automotive Painters J.A.T.C.	18
Automotive Committees	Sacramento Automotive J.A.C.	117
Automotive Committees	Central Valley Automotive & Machinist J.A.C. (Fresno)	171
Automotive Committees	City Of San Jose Vehicle Equipment Repair Trades Apprenticeship Committee (Santa Clara)	21
Barber & Cosmetology Committees	Cosmetica - Cosmetology And Barbering U.A.C. (Los Angeles)	149
Barber & Cosmetology Committees	Los Angeles County Barbers & Cosmetologist J.A.C.	953
Barber & Cosmetology Committees	San Bernardino & Riverside Barbers J.A.T.C.	289
Barber & Cosmetology Committees	Greater East Bay Barber & Cosmetologist U.A.C. (Alameda)	494
Barber & Cosmetology Committees	Northern California Barber And Cosmetology Apprenticeship Committee (Sacramento)	1,637
Barber & Cosmetology Committees	San Diego Cosmetology Apprenticeship Committee	242
Barber & Cosmetology Committees	East Bay & South Counties Barbering & Cosmetology U.A.C. (Alameda)	230
Barber & Cosmetology Committees	Orange County Barber & Cosmetology J.A.C.	233
Barber & Cosmetology Committees	Cosmetology Unilateral Apprenticeship Committee (Los Angeles)	1,486
Boilermaker Committees	Boilermakers Western States Area J.A.C. (Contra Costa)	671
Bricklayer Committees	San Diego & Imperial Counties Bricklayers & Stone Masons J.A.T.C.	118
Bricklayer Committees	Bricklayers & Allied Crafts Local 3 J.A.T. & E.C. (Alameda)	980
Bricklayer Committees	Masonry Industry Training Association Of Southern California Bricklayers U.A.C. (Riverside)	76
Bricklayer Committees	Bricklayers & Allied Craftsman Local #4 California J.A.C. (Los Angeles)	890
Bricklayer Committees	Owens-Brockway, Inc. Maintenance Dept. Plant 23 J.A.C. (Los Angeles)	0
Carpentry Committees	Southern California Carpentry J.A.T.C. (Los Angeles)	26,871
Carpentry Committees	Southern California Carpenters J.A.T.C. (Los Angeles)	1,045
Carpentry Committees	San Francisco Carpentry Training Committee	2,662
Carpentry Committees	Monterey County Carpenters Training Committee	387
Carpentry Committees	Contra Costa County Carpenters Training Committee	2,112
Carpentry Committees	Central Valley Carpenters Training Committee (Fresno)	1,233
Carpentry Committees	Marin County Carpenters Training Committee	418
Carpentry Committees	Delta / Yosemite Carpenters Training Committee (Solano)	1,057
Carpentry Committees	North Valley Carpenters Training Committee (Solano)	1,879
Carpentry Committees	San Mateo County Carpentry Training Committee	1,624
Carpentry Committees	Los Angeles County Cabinet And Store Fixture Jac	360
Carpentry Committees	Santa Clara/San Benito Carpenters Training Committee	2,689
Carpentry Committees	Sonoma, Lake & Mendocino Counties Carpenters Training Committee	934
Carpentry Committees	Napa And Solano Counties Carpenters Training Committee	992

INDUSTRY	NAME	NO. OF APPRENTICE
Carpentry Committees	South Bay Mill & Cabinet Joint Apprenticeship & Training Committee (Santa Clara)	139
Carpentry Committees	Humboldt & Del Norte Counties Carpenters Training Committee (Solano)	116
Carpentry Committees	Northeastern Butte Carpenters Training Committee (Solano)	173
Carpentry Committees	Santa Cruz County Carpenters Training Committee	298
Carpentry Committees	Alameda County Carpenters Training Committee	2,325
Carpentry Committees	Tahoe Area Carpenters Training Committee (Solano)	208
Carpentry Committees	Carpenters Training Committee For Northern California (Alameda)	0
Carpentry Committees	Los Angeles County Carpenter Floor Workers J.A. & T.C.	218
Carpentry Committees	Southern California Pile Drivers J.A.T.C. (Los Angeles)	1,000
Carpentry Committees	San Diego County Drywall / Lather Jac	155
Carpentry Committees	Northern California Pile Drivers & Bridge Builders (Alameda)	1,011
Carpentry Committees	Greater Bay Area Hardwood Floor Layers Training Committee (Santa Clara)	187
Carpentry Committees	San Diego Associated General Contractors J.A.C.	2,344
Carpentry Committees	Innecity Community Unilateral Apprenticeship Committee (San Diego)	261
Carpentry Committees	Southern California Acoustical Installer J.A.T.C. (Orange)	1,498
Carpentry Committees	Associated Builders & Contractors Golden Gate Chapter Carpentry U.A.C. (Alameda)	211
Carpet, Linoleum & Soft Tile Committees	San Diego Carpet, Linoleum & Floor Covering Industries J.A.C.	15
Carpet, Linoleum & Soft Tile Committees	Northern California Floor Covering J.A.T.C. (Alameda)	1,665
Carpet, Linoleum & Soft Tile Committees	Southern California Resilient Floor & Decorative Covering Crafts J.A.T.C. (Los Angeles)	1,526
Cement Masons Committees	Southern California Cement Masons J.A.C. (Los Angeles)	2,618
Cement Masons Committees	Statewide Cement Masons J.A.T.C. (Alameda)	0
Cement Masons Committees	San Diego County Cement Masons J.A.C.	374
Cement Masons Committees	Northern California Cement Masons J.A.T.C. (Alameda)	2,103
Cement Masons Committees	San Diego Associated General Contractors J.A.C.	434
Civil Service Committees	California Fire Fighter Joint Apprenticeship Committee (Sacramento)	23,746
Civil Service Committees	Department Of Park & Recreations (Sacramento)	535
Civil Service Committees	Office Of Training & Personnel Development/Joint Apprenticeship & Training Committee (Sacramento)	33,747
Civil Service Committees	Alameda & Contra Costa Counties Transit District J.A.C.	225
Civil Service Committees	California State University & State Employee Trades Council JATC (Los Angeles)	20
Civil Service Committees	Bureau Of Reclamation Central Valley (Sacramento)	24
Committees Approved For Va	Carpenters Training Committee For Northern California (Alameda)	0
Committees Approved For Va	Northern California Sound And Communication J.A.T.C. (Santa Clara)	3,872
Culinary Committees	San Francisco Hotels, Clubs & Restaurants & Local 2 Cooks J.A.C.	30
Culinary Committees	California Capitol Chefs Association Uatc (Amador)	7
Drywall / Lather Committees	Associated Builders & Contractors Of San Diego, Inc. Drywall/Lather U.A.C.	0
Drywall / Lather Committees	46 Northern California Counties Drywall/Lathing Ja&Tc (Alameda)	6,709
Drywall / Lather Committees	Southern California Drywall/Lather J.A.T.C. (Orange)	13,477
Drywall / Lather Committees	San Diego Associated General Contractors J.A.C.	1,040
Drywall / Lather Committees	Innecity Community Unilateral Apprenticeship Committee (San Diego)	149
Drywall / Lather Committees	Associated Builders & Contractors Golden Gate Chapter Drywall/ Lather U.A.C. (Alameda)	0
Drywall Finishing Committees	Painting & Decorating Joint Apprenticeship Training Committee Of The Bay Area, Inc. (Alameda)	1,721
Drywall Finishing Committees	Central Valley Painters, Decorators And Paperhangers J.A.C. (Fresno)	95
Drywall Finishing Committees	Southern California Drywall Finishers Joint Apprenticeship Training Committee (Los Angeles)	2,052
Electrical & Electronic Committees	Los Angeles County Electrical J.A. & E.T.C.	3,761

INDUSTRY	NAME	NO. OF APPRENTICE
Electrical & Electronic Committees	San Francisco J.A.T.C. For The Electrical Industry - Inside Wireman	1,050
Electrical & Electronic Committees	San Diego Electrical J.A.T.C.	1,418
Electrical & Electronic Committees	San Joaquin & Calaveras Counties Electrical J.A.T.C.	220
Electrical & Electronic Committees	Santa Barbara County Electrical J.A.C.	191
Electrical & Electronic Committees	San Mateo County J.A.T.C. For The Electrical Construction Industry	482
Electrical & Electronic Committees	Contra Costa County Electrical J.A.C.	529
Electrical & Electronic Committees	Tri-County J.A.T.C. For The Electrical Industry (Monterey)	209
Electrical & Electronic Committees	Santa Clara County Electrical Trades J.A.T.C.	1,723
Electrical & Electronic Committees	Fresno, Madera, Kings & Tulare Counties Electrical Industries Jatc	445
Electrical & Electronic Committees	Alameda County J.A.T.C. For The Electrical Inside Wireman Trade	755
Electrical & Electronic Committees	Solano & Napa Counties Electricians J.A.T.C.	499
Electrical & Electronic Committees	Redwood Empire Electrical J.A.T.C. (Sonoma)	569
Electrical & Electronic Committees	Ventura County Electrical J.A.T.C.	403
Electrical & Electronic Committees	San Bernardino, Mono And Inyo Counties Electrical J. A. C.	491
Electrical & Electronic Committees	Central Valley Electrical J.A.T.C.	225
Electrical & Electronic Committees	Orange County Electrical J.A.C.	1,483
Electrical & Electronic Committees	Riverside Area Electrical J. A. C.	468
Electrical & Electronic Committees	Associated Builders & Contractors Of San Diego, Inc., Electronic Systems Technician (Sound Tech.)	124
Electrical & Electronic Committees	Western Electrical Contractors Association & Training Committee (Sacramento)	58
Electrical & Electronic Committees	Los Angeles County Electrical J.A. & E.T.C.	8
Electrical & Electronic Committees	Crater Lake Electrical J A T C (Jackson, OR)	64
Electrical & Electronic Committees	San Joaquin & Calaveras Counties Electrical J.A.T.C.	0
Electrical & Electronic Committees	So. Calif. Chapter Of A. B. C., Inc. Electronic Systems Technician/Voice Data Video U. A. C. (Orange)	0
Electrical & Electronic Committees	Kern County Electrical Joint Apprenticeship & Training Committee	391
Electrical & Electronic Committees	San Luis Obispo Electrical Workers J.A.C.	157
Electrical & Electronic Committees	Los Angeles County Intercommunication & Sound J.A.C.	462
Electrical & Electronic Committees	San Diego County Sound Technicians J.A.C.	102
Electrical & Electronic Committees	Reno Electricians Jatc For The Electrical Industry (Reno, NV)	282
Electrical & Electronic Committees	Motion Picture Studio Electrician J.A.C. (Los Angeles)	50
Electrical & Electronic Committees	Shasta-Butte Electricians J.A.T.C. (Shasta)	63
Electrical & Electronic Committees	Southern California Transportation Systems Electrician Jac (Los Angeles)	489
Electrical & Electronic Committees	Los Angeles/Ventura Chapter Of A.B.C. Inc. E.U.A.C.	864
Electrical & Electronic Committees	I.B.E.W. Local Union No. 40 Los Angeles County Chapter Neca J.A.C.	93
Electrical & Electronic Committees	W.E.C.A. Electrical Apprenticeship And Training Committee (Los Angeles)	311
Electrical & Electronic Committees	Western Burglar And Fire Alarm Association Unilateral Apprenticeship And Training Committee (Los Angeles)	302
Electrical & Electronic Committees	Sacramento Area Electrical J.A.T.C.	802
Electrical & Electronic Committees	Northern California Sound And Communication J.A.T.C. (Santa Clara)	3,872
Electrical & Electronic Committees	Associated Builders & Contractors Of San Diego, Inc. Electrical U.A.C.	1,662
Electrical & Electronic Committees	Southern California Chapter Of The Associated Builders And Contractors Inc. Electrical U.A.C. (Orange)	2,115
Electrical & Electronic Committees	Western Electrical Contractors Assoc., Inc. Apprenticeship And Training Committee (Sacramento)	2,305
Electrical & Electronic Committees	Communication Workers Of America/American Communication Contractors Association J.A.C. (Santa Clara)	165
Electrical & Electronic Committees	Orange County Sound Technician Joint Apprenticeship Committee	358
Electrical & Electronic Committees	Associated Builders & Contractors Golden Gate Chapter Electrical U.A.C. (Alameda)	895
Electrical & Electronic Committees	Riverside, San Bernardino, Mono & Inyo Counties Sound Technician J. A. C.	100

INDUSTRY	NAME	NO. OF APPRENTICE
Elevator Committees	Southern California Elevator Constructor Joint Apprenticeship And Training Committee (Los Angeles)	1,555
Elevator Committees	Northern California Elevator Industry Joint Apprenticeship And Training Committee (San Francisco)	875
Engineer Committees	Operating & Maintenance Engineers Apprenticeship & Training Trust For Southern California (Los Angeles)	426
Engineer Committees	J.A.C. For The Operating Engineers For The 46 Counties Of Northern California (Sacramento)	49
Engineer Committees	Northern California & Northern Nevada Stationary Engineers J.A.C. (San Francisco)	882
Engineer Committees	Joint Apprenticeship Committee For Operating Engineers For The 46 Northern Counties In California (Sacramento)	2,778
Engineer Committees	Operating Engineers For The 46 Counties Of Northern California, Jac (Sacramento)	17
Engineer Committees	Southern California Operating Engineers J. A. C. (Los Angeles)	3,047
Engineer Committees	Associated General Contractors Of San Diego, Inc. Construction Equipment Operator U.A.C.	230
Engineer Committees	Associated General Contractors Of San Diego, Inc. Construction Equipment Mechanic U.A.C.	0
Engineer Committees	Associated Builders & Contractors Of San Diego, Inc. Construction Equipment Operator, U.A.C.	3
Engineer Committees	Department Of Housing And Community Development, District Representative Jatc (Sacramento)	6
Glazier & Glass Workers Committees	Northern California District Council 16 Glaziers, Architectural Metal And Glass Workers Jatc (Alameda)	1,490
Glazier & Glass Workers Committees	Southern California Glaziers & Glassworkers Industry J.A.C. (Orange)	913
Glazier & Glass Workers Committees	San Diego & Imperial Counties Glaziers J.A.C.	202
Health Services Committees	State Of California . Psychiatric Tech Unit 18 J.A.C. (Sacramento)	87
Heating Ventilation & Air Conditioning	San Diego & Imperial Counties Pipe Trades J.A.C.	0
Heating Ventilation & Air Conditioning	Bay Area Sheet Metal J.A.C. (Alameda)	1,037
Heating Ventilation & Air Conditioning	J. A. & T. C. , Plumbing, Pipe Fitting & Refrigeration Industry Of San Mateo	251
Heating Ventilation & Air Conditioning	Napa/Solano Counties Plumbers And Steamfitters J.A.T.C.	2
Heating Ventilation & Air Conditioning	Southern California Sheet Metal J.A.&T.C. (Los Angeles)	4
Heating Ventilation & Air Conditioning	Plumbing & Pipefitting Industry Of Sacramento & Yolo District J.A.C.	237
Heating Ventilation & Air Conditioning	Contra Costa County Plumbing & Pipefitting Industry J A T C	10
Heating Ventilation & Air Conditioning	Kern & Northern Los Angeles Counties Air Conditioning & Sheet Metal Workers J.A.T.C.	0
Heating Ventilation & Air Conditioning	Fresno Sheet Metal Workers J.A.T.C.	8
Heating Ventilation & Air Conditioning	Monterey & Santa Cruz Counties Plumbers & Pipefitters J.A.T.C.	2
Heating Ventilation & Air Conditioning	Fresno Area Plumbers, Pipe & Refrigeration Fitters J.A.T.C.	86
Heating Ventilation & Air Conditioning	Los Angeles & Orange Counties Air-Conditioning & Refrigeration J.J.A.T.C.	805
Heating Ventilation & Air Conditioning	Sacramento Valley Sheet Metal Industry J.A.C.	133
Heating Ventilation & Air Conditioning	Pipe Trades J.A.T.C. Of Santa Clara And San Benito Counties	388
Heating Ventilation & Air Conditioning	The Joint Apprenticeship And Training Committee Of The Plumbing And Pipefitting Ua Local38 (San Francisco)	118
Heating Ventilation & Air Conditioning	United Association Local Union 342 J.A.T.C. (Contra Costa)	362
Heating Ventilation & Air Conditioning	Kern, Inyo & Mono Counties Plumbing, Pipefitter & Refrigeration/Air Conditioning Mechanic J.A.T.C.	109
Heating Ventilation & Air Conditioning	Santa Barbara County Pipe Trades J.A.C.	3
Heating Ventilation & Air Conditioning	San Joaquin- Stanislaus Area Plumbers, Pipe & Refrigeration Fitters, J.A.T.C.	22
Heating Ventilation & Air Conditioning	Northern San Joaquin Area Sheet Metal J.A.T.C.	21
Heating Ventilation & Air Conditioning	Southern California Sheet Metal J.A.&T.C. (Los Angeles)	0
Heating Ventilation & Air Conditioning	Ventura County Plumbing & Pipefitting J.A.C.	0
Heating Ventilation & Air Conditioning	Tri Counties Sheet Metal & Air Conditioning Industry J.A.C. (Ventura)	13
Heating Ventilation & Air Conditioning	So. Calif. Chapter Of A.B.C., Inc. Heating, Ventilation & Air Cond. U. A. C. (Orange)	0
Heating Ventilation & Air Conditioning	Monterey, Santa Cruz And San Benito Counties Sheet Metal Joint Apprenticeship Committee	83
Heating Ventilation & Air Conditioning	Yuba, Sutter & Colusa Counties Plumbers J.A.C.	30
Heating Ventilation & Air Conditioning	Inland Refrigeration J.J. & A.T.C. (San Bernardino)	129
Heating Ventilation & Air Conditioning	Reno Plumbers & Fitters J.A.T.C.	0

INDUSTRY	NAME	NO. OF APPRENTICE
Heating Ventilation & Air Conditioning	Motion Picture Studio Electrician J.A.C. (Los Angeles)	12
Heating Ventilation & Air Conditioning	Phcc Of The Greater Sacramento Area U.A.C.	0
Heating Ventilation & Air Conditioning	Associated Builders And Contractors Of San Diego, Inc. Heating, Ventilation, Air Conditioning U.A.C.	11
Heating Ventilation & Air Conditioning	Humboldt, Del Norte & Trinity Sheet Metal J.A.C.	2
Heating Ventilation & Air Conditioning	Los Angeles County Air Conditioning & Refrigeration J.A.C.	7
Heating Ventilation & Air Conditioning	Beutler Heating And Air Conditioning Uatc (Sacramento)	527
Iron & Steel Workers Committees	Northern California Shop Ironworkers J.A.C. (San Joaquin)	260
Iron & Steel Workers Committees	Intl. Assoc. Bridge, Structural, Ornamental & Reinforcing Ironworker L433 J.A.T.C. (Orange)	2,416
Iron & Steel Workers Committees	Int'L Association Of Bridge, Structural, Ornamental And Reinforcing Ironworkers, Local 118 Jatc (Sacramento)	1,576
Iron & Steel Workers Committees	International Association Of Bridge, Structural And Ornamental Iron Workers Local 378 J.A.T.C. (Solano)	3,153
Iron & Steel Workers Committees	San Francisco Field Ironworkers J.A.T.C.	1,819
Iron & Steel Workers Committees	San Diego Bridge, Structural, Ornamental And Reinforcing Ironworkers J.A.T.C Local 229.	1,503
Iron & Steel Workers Committees	Intl Assoc Bridge, Structural, Ornamental & Reinforcing Ironworker L416 J.A.T.C. (Orange)	2,348
Iron & Steel Workers Committees	International Assoc Of Bridge, Structural, Ornamental & Reinforcing Ironworkers Local 155 Jatc (Fresno)	644
Iron & Steel Workers Committees	Intl. Assoc. Of Bridge, Structural, Ornamental & Reinforcing Ironworkers Local 377 Santa Clara J.A.T.C. (Solano)	1,016
Laborers Committees	Associated General Contractors Of America, San Diego Chapter	867
Laborers Committees	Northern California District Council Of Laborers Hod Carrier J.A.C. (Contra Costa)	92
Laborers Committees	Northern California District Council Of Laborers Parking & Highway Improvement Painter (Laborer) Jatc (Contra Costa)	32
Laborers Committees	Associated Builders & Contractors Golden Gate Chapter Construction Craft Laborer U.A.C. (Alameda)	52
Laborers Committees	Northern California District Council Of Laborers Construction Craft Laborers J.A.T.C. (Contra Costa)	1,803
Laborers Committees	Southern California Bricktenders J.A.C (Los Angeles)	99
Laborers Committees	Laborers Southern California Joint Apprenticeship Committee (Los Angeles)	5,752
Laborers Committees	Southern California Plaster Tenders J.A.C. (Los Angeles)	299
Laborers Committees	Southern California Pavement Striper, Road Slurry, Seal Coat & Highway Maintenance Jac (Riverside)	283
Lineman Committees	Irby Construction Company Line Erectors Apprenticeship Program (Imperial)	90
Lineman Committees	Cal-Nev Power Lineman J.A.T.C. (Riverside)	1,023
Machinists And Tool & Die Committees	Santa Clara & San Benito Counties Machinist Joint Apprenticeship And Training Committee	50
Machinists And Tool & Die Committees	Santa Clara County Automotive Repair Trades J.A. & E.A.C.	0
Machinists And Tool & Die Committees	California North Bay Chapter National Tooling And Machining Assoc. (Sonoma)	85
Machinists And Tool & Die Committees	Five Bay Counties Mill And Cabinet Joint Apprenticeship And Training Committee (Alameda)	391
Machinists And Tool & Die Committees	Fairchild Fasteners (Orange)	15
Machinists And Tool & Die Committees	Southern California Tool & Die Mold, Machinist & Metal Working Trades Apprenticeship Committee (Los Angeles)	749
Machinists And Tool & Die Committees	Repairtech International, Inc. (Los Angeles)	6
Machinists And Tool & Die Committees	G.M.P. Local B Joint Apprenticeship Committee (Alameda)	0
Manufacturing Committees	San Joaquin And Sacramento Area Mill Cabinet J.A.T.C.	17
Manufacturing Committees	San Diego Locksmith	72
Meat Cutter Committees	Humboldt & Del Norte Meatcutters J.A.C.	13
Meat Cutter Committees	San Francisco Meatcutters J.A.C.	223
Meat Cutter Committees	Oakland & Vicinity Meat Industry J.A.C.	192
Meat Cutter Committees	Orange County-Harbor Area Meat Cutter J.A.C.	307
Meat Cutter Committees	Santa Clara County Meat Cutters J.A.T.C.	456
Milwright Committees	Millwrights Training Committee For Northern California (Alameda)	833
Milwright Committees	Southern California Millwrights & Machinery Erectors J.A.T.C. (Los Angeles)	696
Milwright Committees	Carpenters Training Committee For Northern California (Alameda)	0

INDUSTRY	NAME	NO. OF APPRENTICE
National, Statewide & Master Committees	Carpenters Training Committee For Northern California (Alameda)	0
Painting & Decoration Committees	Southern California Painting & Decorators J.A.C. (Los Angeles)	4,648
Painting & Decoration Committees	Painting & Decorating Joint Apprenticeship Training Committee Of The Bay Area, Inc. (Alameda)	3,292
Painting & Decoration Committees	Central Valley Painters, Decorators And Paperhangers J.A.C. (Fresno)	343
Painting & Decoration Committees	Associated Builders & Contractors (Abc Of Sandiego, Inc. Drywall Finisher U.A.C.	0
Painting & Decoration Committees	Southern California Drywall Finishers Joint Apprenticeship Training Committee (Los Angeles)	2,052
Painting & Decoration Committees	Humboldt Painters & Allied Trades J.A.C.	1
Painting & Decoration Committees	San Diego Associated General Contractors J.A.C.	1,459
Painting & Decoration Committees	Southern California Painting And Decorating Contractors Of America, Uac (Orange)	714
Painting & Decoration Committees	Associated Builders & Contractors Golden Gate Chapter Painting U.A.C. (Alameda)	291
Plant Committees	San Diego Gas & Electric Company/I B E W #465	365
Plasterers Committees	Southern California Plastering Institute Apprenticeship Trust & Joint Apprenticeship Committee (Los Angeles)	900
Plasterers Committees	Bay Area Plastering Industry J.A.T.C. (San Francisco)	502
Plasterers Committees	Northern California Plasterers J.A.T.C. (Sacramento)	627
Plasterers Committees	Southern California Plastering Apprenticeship Trust & Joint Apprenticeship Committee (Orange)	165
Plumbing Committees	San Diego & Imperial Counties Pipe Trades J.A.C.	751
Plumbing Committees	Los Angeles Metropolitan Plumbers J.A.T.C.	909
Plumbing Committees	J. A. & T. C. , Plumbing, Pipe Fitting & Refrigeration Industry Of San Mateo	395
Plumbing Committees	Napa/Solano Counties Plumbers And Steamfitters J.A.T.C.	378
Plumbing Committees	Glendale, Burbank, San Fernando Valley & Antelope Valley Plumbers & Steamfitters J.A.T.C. (Santa Clara)	930
Plumbing Committees	The Joint Apprenticeship And Training Committee Of The Plumbing & Pipe Fitting Industry Ua Local 38 (San Francisco)	845
Plumbing Committees	Plumbing & Pipefitting Industry Of Sacramento & Yolo District J.A.C.	487
Plumbing Committees	Contra Costa County Plumbing & Pipefitting Industry J A T C	243
Plumbing Committees	Long Beach Plumbers Jatc (Los Angeles)	149
Plumbing Committees	Monterey & Santa Cruz Counties Plumbers & Pipefitters J.A.T.C.	154
Plumbing Committees	Fresno Area Plumbers, Pipe & Refrigeration Fitters J.A.T.C.	175
Plumbing Committees	Pipe Trades J.A.T.C. Of Santa Clara And San Benito Counties	873
Plumbing Committees	United Association Local Union 342 J.A.T.C. (Contra Costa)	720
Plumbing Committees	San Bernardino & Riverside Counties Plumbing & Steamfitter Trade J.A.C.	488
Plumbing Committees	Kern, Inyo & Mono Counties Plumbing, Pipefitter & Refrigeration/Air Conditioning Mechanic J.A.T.C.	371
Plumbing Committees	Santa Barbara County Pipe Trades J.A.C.	134
Plumbing Committees	Los Angeles & Vicinity Steamfitters & Industrial Pipefitter J.A.T.C.	844
Plumbing Committees	San Joaquin- Stanislaus Area Plumbers, Pipe & Refrigeration Fitters, J.A.T.C.	264
Plumbing Committees	Orange County Plumbers & Steamfitters Joint Apprenticeship & Training Committee	618
Plumbing Committees	Pomona Valley Plumbers & Steamfitters J.A.C. (Los Angeles)	711
Plumbing Committees	Ventura County Plumbing & Pipefitting J.A.C.	226
Plumbing Committees	Sprinkler Fitters U. A. Local 483 Joint Apprenticeship Committee (Alameda)	742
Plumbing Committees	Sprinkler Fitters U.A. Local 709 J.A.C. (Los Angeles)	707
Plumbing Committees	Yuba, Sutter & Colusa Counties Plumbers J.A.C.	147
Plumbing Committees	San Luis Obispo County Plumbing J.A.C.	86
Plumbing Committees	Oregon Sw Washington/Nw California Plumbers J.A.T.C. (Humboldt)	27
Plumbing Committees	Reno Plumbers & Fitters J.A.T.C.	179
Plumbing Committees	Associated Builders & Contractors Golden Gate Chapter Plumbing U.A.C. (Alameda)	89
Plumbing Committees	Landscape & Irrigation Fitter Of Southern California J.A.T.C. (Los Angeles)	1,287

INDUSTRY	NAME	NO. OF APPRENTICE
Plumbing Committees	California American Fire Sprinkler Association, U.A.C. (Alameda)	1,035
Plumbing Committees	Northern California Local 355 J.A.T.C. (Solano)	412
Plumbing Committees	P.H.C.C. Of The Greater Sacramento Area Plumbers U.A.C. (Sacramento)	1,045
Plumbing Committees	Associated Builders & Contractors Of San Diego, Inc. Plumbing / Pipefitting U.A.C.	655
Plumbing Committees	Southern California Chapter Of The Associated Builders & Contractors, Inc. Plumbers U.A.C. (Orange)	384
Plumbing Committees	Road Sprinkler Fitters U. A. Local 669 J.A.T.C. (Howard, MD)	718
Roofers Committees	West Bay Counties Roofers And Waterproofers J.A.T.C. (Alameda)	3,377
Roofers Committees	Southern California Roofers Waterproofers J.A.C. (Los Angeles)	5,501
Roofers Committees	East Bay And North Bay Counties Roofers/Waterproofers J.A.T.C. (Alameda)	5,143
Roofers Committees	San Diego & Imperial Counties Slate, Tile & Composition Roofer J.A.C.	496
Roofers Committees	Central Valley Roofers, Waterproofers & Allied Workers J.A.T.C. (Fresno)	785
Roofers Committees	Valley Roofers & Waterproofers J.A.T.C. (Sacramento)	501
Roofers Committees	Santa Clara Valley Area Roofers J.A.T.C.	260
Roofers Committees	Independent Roofing Contractors Of California, U.A.C. (Alameda)	3,400
Sheet Metal Committees	Bay Area Sheet Metal J.A.C. (Alameda)	2,234
Sheet Metal Committees	Southern California Sheet Metal J.A.&T.C. (Los Angeles)	1,678
Sheet Metal Committees	Kern & Northern Los Angeles Counties Air Conditioning & Sheet Metal Workers J.A.T.C.	286
Sheet Metal Committees	Fresno Sheet Metal Workers J.A.T.C.	164
Sheet Metal Committees	Sacramento Valley Sheet Metal Industry J.A.C.	439
Sheet Metal Committees	San Diego Sheet Metal J.A.C.	472
Sheet Metal Committees	Northern San Joaquin Area Sheet Metal J.A.T.C.	79
Sheet Metal Committees	Modesto Area Sheet Metal Workers J.A.T.C. (Stanislaus)	63
Sheet Metal Committees	Southern California Sheet Metal J.A.&T.C. (Los Angeles)	832
Sheet Metal Committees	Tri Counties Sheet Metal & Air Conditioning Industry J.A.C. (Ventura)	282
Sheet Metal Committees	South. Calif. Chapter Of Associated Builders And Contractors, Inc. Sheet Metal U. A. C. (Orange)	0
Sheet Metal Committees	Monterey, Santa Cruz And San Benito Counties Sheet Metal Joint Apprenticeship Committee	136
Sheet Metal Committees	Humboldt, Del Norte & Trinity Sheet Metal J.A.C.	28
Sheet Metal Committees	Air Conditioning Trades Association U.A.C. (Sacramento)	629
Sheet Metal Committees	Associated Builders & Contractors Of San Diego, Inc. Sheet Metal U.A.C.	415
Surveyor Committees	Northern California Surveyors J.A.C. (Alameda)	589
Surveyor Committees	Southern California Surveyors J.A.C. (San Bernardino)	1,103
Tile Layer/Setter Committees	Joint Apprenticeship Committee Tile & Terrazo Industry (Los Angeles)	2,612
Tile Layer/Setter Committees	Northern California Tile Industry Joint Apprenticeship Training Committee (Alameda)	2,497
Tile Layer/Setter Committees	Bricklayers & Allied Crafts Local 3 J.A.T. & E.C. (Alameda)	166
Tile Layer/Setter Committees	Sacramento Area Tile, Terrazzo & Marble Trades J.A.T.C.	786
Tile Layer/Setter Committees	San Diego Associated General Contractors J.A.C.	146
Tile Layer/Setter Committees	Terrazzo Finisher Jatc For Southern California (Los Angeles)	266
Tile Layer/Setter Committees	Terrazzo Setters Jatc For Southern California (Los Angeles)	10

CCG #	Contractor Name	Industry	Approved Amount	# to Train	County	Bus Size	Occupation	Types Training	Evidence of Clean Tech
ET08-0115	Champion Electric, Inc.	Construct	\$75,600	56	Riverside	103	Electrician, Foreman, Project Manager	Business, Continuous Improvement, Commercial and Computer Skills	In 2006 company established plan to become environmentally friendly, through use of wireless technology. Workers must use new technology to streamline construction processes, and use paperless mobile offices. Champion was named to a "Clean & Green" task force by City of Riverside to advise mayor's office on solar energy coinciding with Governor's Green Building Initiative for public buildings, which requires buildings to be 20% more energy efficient by 2015. Majority of company's business is with public buildings.
ET08-0144	Give something Back Business Products	Manufact	\$235,040	80	Alameda, Sacramento, San Diego	70	Technician, Production Worker, Support Staff, Manager	Business, Manufacturing & Computer Skills, Continuous Improvement	Green certified business provides green printing and paper products, reusable modular systems and ergonomically correct products.
ET08-0146	SUN MICROSYSTEMS, INC	Manufact	\$1,496,664	2,028	San Diego, San Francisco, San Jose, Santa Clara	36,000	Technician, Engineer, Programmer, Software Developer	Computer skills, Bio tech, Nano	Sun is committed to designing & delivering eco-friendly processors, systems, programs & services that help businesses reduce power consumption, environmental impact & energy costs.
ET08-0147	VVP America Inc., Vitro America	Manufact	\$815,652	278	Los Angeles, San Diego, San Joaquin	22,294	Production Worker, Distribution Staff, Sales Rep, Admin Staff, IT Staff, Manager	Continuous Improvement, Literacy, Advanced Technology, Manufacturing, Business and Computer Skills	Produces more efficient glass products such as "Low E" and other green products for better insulation, and to reduce heating and cooling costs.
ET08-0158	Raytheon Corporation	Manufact	\$1,804,000	4,000	Multi Counties	80,000	Manufacturer, Production Worker, Engineer, Technician, Electrician, Manager	Business, Continuous Improvement, Advanced Tech, Computer and Manufacturing Skills, HazMat	Company uses fan systems to manufacture electronics. Provided training in cleanroom and hazmat procedures. Company uses processes that reduce waste. Company has initiated a Carbon Footprint program to reduce emission of gasses.
ET08-0185	SUTI Holdings, LP	Various	\$99,000	100	Orange	99,999	Admin Support, Engineer, Technician, Manager, Sales Rep, Marketer, Corporate Staff	Business, Computer Skills, Continuous Improvement	One employer, Senz-It Inc. produces applications for the emerging environmental air quality and food safety sectors. (6 trainees approved for \$5940 at this company.)

CCG #	Contractor Name	Industry	Approved Amount	# to Train	County	Bus Size	Occupation	Types Training	Evidence of Clean Tech
ET08-0212	US Hybrid	Manufact	\$15,600	10	Los Angeles	18	Design Engineer, Fabricator, Shop Operator, Manager	Computer and Manufacturing Skills, Continuous Improvement, Management	Develops, designs and produces drive systems and related components for electric, hybrid-electric, and fuel cell powered vehicles.
ET08-0219	Hill Partnership, Inc.	Service	\$20,196	27	Orange	34	Architect, Bus Develop Staff, Contract Spec, Project Mgr, Job Captain, Drafter, Designer, Technician, Admin Support	Business, Commercial and Computer Skills	Firm focuses on environmental design and green building.
ET08-0222	Cali Bamboo, LLC	Trade	\$26,400	20	San Diego	25	Bus Operations Staff, CSR, Sales Rep, Purchaser, Warehouse Worker, Manager, Owner	Business, Continuous Improvement, Commercial and Computer Skills	Sells and distributes bamboo building products - a renewable resource.
ET08-0226	Label Impressions, Inc.	Manufact	\$35,828	26	Orange	26	Admin Support, Sales Rep, CSR, Graphic Designer, Production Worker, Lead, Manager, Owner	Business, Computer and Manufacturing Skills, Literacy, Continuous Improvement	Small label printer uses only paper materials that come from sustainable forests, that are managed responsibly.
ET08-0228	Disco Hi-Tec America, Inc.	Manufact	\$34,452	33	Santa Clara	1,000	Logistics Staff, Sales Rep, Engineer, Operations Staff, Assistant Manager	Continuous Improvement	Internationally accepted ISO specification for Environmental Management that establishes environmental policy for company. They will increase efficiency, use of energy and raw materials, resulting in less waste. Training will establish them as "green company."
ET08-0235	Merryvale Vineyards, LLC	Winery	\$19,500	30	Napa	60	Sales Rep, Marketer, Tasting Room Staff, Cellar Staff, Winemaker, Admin Staff, Manager	Business, Continuous Improvement, Manufacturing & Computer Skills	Sustainable grape farming
ET08-0237	American Biodiesel, Inc. dba Community Fuels	Manufact	\$93,600	15	San Joaquin	17	Communications Staff, Researcher, Product Developer, Manager, Engineer, Plant Operator, Lab Technician	Business Skills, Continuous Improvement, Management, Manufacturing Skills, HazMat	Produces quality biodiesel: a clean, renewable fuel that reduces dependence on foreign oil, lowers the carbon intensity of transportation fuels and protects the environment.
ET08-0240	Veritable Vegetable	Agricult Distrib	\$164,736	88	San Francisco	87	Production Worker, Technician, Admin Support, Manager	Manufacturing, Business and Computer Skills, Continuous Improvement	Certified organic handler distributes organic produce.

CCG #	Contractor Name	Industry	Approved Amount	# to Train	County	Bus Size	Occupation	Types Training	Evidence of Clean Tech
ET08-0250	Allan Company	Service/ Recycl	\$336,000	200	Los Angeles, Orange, San Diego, Fresno	223	Processor, Yard Worker, Mechanic, Cashier, Admin Staff, Accountant, Driver, Manager	Commercial, Business and Computer Skills, Continuous Improvement, Hazmat, Literacy	Recycles over one million tons of recovered fiber, aluminum, plastics, non-ferrous metals, and glass annually.
ET08-0260	Network Hardware Resale, Inc.	Hi Tech Service/ Distrib	\$48,600	108	Santa Barbara	250	Technician, Manager, Operations Worker, Sales Rep, Admin	Manufacturing Skills, Business, Management and Computer Skills, Continuous Improvement	Provides technical support and sales of pre-owned & refurbished networking equipment.
ET08-0266	Quad Knopf, Inc.	High Tec	\$481,500	214	Fresno, Kern, Placer, Tulare	250	Admin Staff, Engineer, Surveyor, Scientist, Planner, Utilities Worker, Drafter, Designer, IT Staff, Biologist, Marketer, HR Staff, Accountant, Construction Mgr, Environmental Consultant, Technical Support	Business Skills, Computer Skills, Continuous Improvement Skills	Provides biological studies and environmental consulting.
ET08-0268	Renesas Technology America Inc	Manufact	\$159,840	120	Santa Clara	26,500	Admin Staff, Engineer, Technician, Warehouse Worker, Director, Manager	Advanced Tech, Business Skills, Computer Skills, Continuous Improvement	Has a GTI initiative to promote saving energy, reducing waste, and using green cleaning solution throughout the company.
ET08-0281	Aviano Group, Inc.	Hi Tech/ Engineer	\$48,360	15	Orange, San Bernardino	15	Engineer, Drafter, Architect, Planner, Marketing Rep, Admin Support, Owner	Business, Commercial & Computer Skills	Civil engineering firm provides energy and environmental design services for green building.
ET08-0287	Toppan Photomasks, Inc.	Hi Tech Mfg	\$182,196	241	SANTA CLARA	300	IT Staff, Sales Rep, SCR, Production Worker, Manager, Engineer, Admin Staff	Adv Tech, Business, Continuous Improvement, HazMat, Management, Manufacturing & Computer Skills	Produce photomasks, used as components in solar technology and other products.

CCG #	Contractor Name	Industry	Approved Amount	# to Train	County	Bus Size	Occupation	Types Training	Evidence of Clean Tech
ET08-0289	US FoodService, Inc.	Distrib Food Prod	\$198,450	147	ALAMEDA	660	Production Worker, Technician, Manager, Admin Support	Business, Continuous Improvement, Computer & Manufacturing Skills	Company is expanding their organic food lines, and their "green initiative" by eliminating non-biodegradable packaging.
ET08-0300	ABBOTT VASCULAR, INC.	Manufact	\$1,470,600	1,900	San Mateo, Santa Clara, Riverside	6,000	Engineer, Scientist, Technician, Manager, Production Worker, Admin Staff	Business, Continuous Improvement, Management, Computer & Manufacturing Skills	Installing large solar power system to produce electricity, supporting Governor's energy & environmental policies. Member of EPA Climate Leaders, a partnership to reduce greenhouse gas emissions.
ET08-0311	SoloPower, Inc.	Manufact	\$394,134	93	SANTA CLARA	44	Engineer, Equipment Tech, IT Staff, Maintenance Worker, Operator, Process Tech, Procurement Staff, Supervisor, Sales Rep, Admin	Computer & Manufacturing Skills, HazMat	Small company is in research and development phases for the manufacturer of thin-film photovoltaic solar cells and modules that convert the light from the sun into energy.
ET08-0316	Dreyer's Grand Ice Cream	Food Product	\$548,496	293	TULARE	6,100	Engineer, Ice Cream Maker, Manager, Palletizer, Pasteurizer, Production Worker, Quality Tech, Receiving Clerk, warehouse Worker, Admin Staff	Business, Continuous Improvement, Management, Manufacturing Skills	Trainees will learn to predict and prevent defects, and improve energy efficiency and reduce emissions of greenhouse gasses and other pollutants.
ET08-0319	Bon Appetit Management Company	Catering Service	\$208,800	170	SANTA CLARA	3,500	Busboy, Dishwasher, Caterer, Cook, Chef, Baker, Cashier, Line Server, Deli Staff, Salad Bar Staff, Receiver, Steward, Utility Staff, Pantry Worker, Manager, Admin Staff	Business, Continuous Improvement, Literacy, Commercial and Computer Skills	Company is committed to socially responsible food sourcing and business practices, and strong partnerships with respected conservation organizations. In 2002, sustainable seafood purchasing was implemented, followed by company policies pertaining to rBGH-free milk, antibiotic reduction in meats, and cage-free eggs. They also focus on using ingredients gathered locally and reducing the carbon footprint of all cafes, and feature organic meats and produce.

CCG #	Contractor Name	Industry	Approved Amount	# to Train	County	Bus Size	Occupation	Types Training	Evidence of Clean Tech
ET08-0320	Leadership Training & Education Fund	Service	\$436,748	454	ALAMEDA, Contra Costa, San Francisco, Santa Clara, Marin	99,999	Janitor, Supervisor	Business, Continuous Improvement, Literacy, Commerical & Computer Skills	Curriculum meets client needs for trained janitors that can respond to the need of property owners and managers to decrease energy costs, and to help create and promote safer, more secure, greener, and healthier environments. They will keep buildings free from pollutants and respond to new green cleaning initiatives.
ET08-0340	UltraSystems Environmental Inc.	Service	\$30,360	23	Orange	23	Scientist, Analyst, Accountant, Biologist, Graphic Illustrator, Planner, Quality Staff, Manager, Owner, Clerk	Business, Continuous Improvement, Commercial & Computer Skills	Provides environmental planning and consulting services. Currently working w/ports of LA & Long Beach to implement Clean Air Action Plan; and LA County on Alternative Technologies for Solid Waste Projects. Involved with AB32 - Greenhouse Gas Emissions work through goods movement projects, including METRO.
ET08-0393	Yes! Solar Solutions, Inc.	Manufact	\$70,200	30	Placer	55	Construction Worker, Laborer, Installer, Project Mgr, Supv	Commercial Skills	Company designs and tests solar systems.
ET08-0398	California Construction Service Corp. dba Sun Light & Power Company	Constr/ Engineer	\$74,542	61	ALAMEDA	54	Admin Staff, Engineer, Manager, Owner, Project Mgr, Installer, Warehouse Worker	Business; Continuous Improvement; Manufacturing, Commercial & Computer Skills	Customization & installation of solar systems.
ET08-0407	Monighan & Associates, Inc., dba Monighan Design	Service	\$8,112	13	Sacramento	13	Designer, Manager	Commercial Skills	Architectural designers for clean technology.
ET08-0428	MemoryTen, Inc.	Manufac	\$132,288	48	Santa Clara	58	Production Worker, Manager, Support Staff, Technician	Business, Continuous Improvement, Manufacturing & Computer Skills	Company designs and provides customized memory chips and components using sustainable recycling. They disassemble and recycle used computer components, housings, chips, hard drives and other items. In an effort to become "Green Certified" company has begun to refurbish iPod units and is giving training in green technology.
ET08-0438	Del Monte Corporation	Mfg/ Food Product	\$482,670	655	Stanislaus, Kings, Fresno, San Joaquin, San Francisco, Los Angeles, Contra Costa	8,200	Manufacturer, Production Worker, Warehouse Worker, Quality Analyst, Support Staff, Manager, Seasonal Worker	Continuous Improvement, Manufacturing Skills	Company produces natural & organic food chains, and is researching and monitoring products to protect against environmental contaminants. They validate temperature requirements & evaluate new biocides for washing & sanitizing products. Prevention of spoilage during storage & distribution exceeds Cal-OSHA mandated skills.

CCG #	Contractor Name	Industry	Approved Amount	# to Train	County	Bus Size	Occupation	Types Training	Evidence of Clean Tech
ET08-0439	THE NEIL JONES FOODS COMPANY DBA TOMA TEK, INC.	Mfg/ Food Prod	\$944,136	423	Fresno	1,450	Machine Operator, Forklift Operator, Tagger, Quality Tech, Equipment Tech, Boiler Operator, Evaporation Operator, Admin Staff, Janitor, Sanitation Staff	Continuous Improvement, HazMat, Manufacturing & Computer Skills	Company has modernized their plant to produce higher yields, and spent \$3 million on advanced technology, that improves product yield and reduces energy consumption. Training is required to utilize new equipment.
ET08-0440	Frito-Lay	Food Proc	\$1,155,600	1,605	Stanislaus & Statewide	168,000	Driver, Mfg Operator, Material Handler, Mgr, Mechanic, Packer, Processer, Picker, Sanitor, Admin Staff, Warehouse Worker	Business; Continuous Improvement; Management; Commercial, Manufacturing & Computer Skills	Company uses natural gas in manufacturing process. Will provide training to increase efficiency; reduce waste; minimize fuel emissions; and use technology that reduces water, electricity & gas. One of 2 mfg plants (Modesto) uses solar power to cook SunChips. Company has "green team".
ET08-0450	California Retreaders	Manufac/Recyc I	\$182,540	40	Fresno	66	Production Worker, Sales Rep	Manufacturing & Commercial Skills, Business	Company retreads used tires with zero emissions.
ET08-0456	Southern California Floor Covering Crafts Joint Apprenticeship & Training Committee	Construct	\$123,200	200	Los Angeles, Orange, Kern, Riverside, San Bernardino, Ventura, Santa Barbara, San Luis Obispo	99999	Floor Covering Installer	Business, Literacy, Commercial Skills	The industry is shifting to green building materials that require distinct methods of installation.
ET08-0484	Anritsu Company	Manufact	\$288,000	400	Santa Clara	3990	Office Worker, Production Worker, Manager, Engineer, Technician, Director	Continuous Improvement, Adv Tech, Manufacturing & Computer Skills	Anritsu's focus on greening its business has resulted in product development & manufacturing process changes. Environmental awareness is a company-wide initiative. They intend to offer training on ways to promote energy saving, electricity conservation & efficiency, reduction of waste, and using healthier cleaning solutions.
ET08-0496	CalGren Renewable Fuels, LLC	Manufact	\$74,100	50	TULARE	50	Production Worker, Maintenance Man, Business Staff, Clerk, Engineer, Driver, Supervisor	Business, Continuous Improvement, Management, Manufacturing & Computer Skills	Manufactures ethanol, a renewable fuel.

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ET09-0112	Technical Consumer Products Inc.	Manufact/ trade	\$115,200	40	SAN JOAQUIN	1,000	Assembly, Production, Warehouse, Administrative Support workers and Managers	Business, Commercial, Computer, Continuous Improvement, and Manufacturing Skills	Manufactures and distributes energy efficient fixtures.
ET09-0113	Fresno West Coalition of Economic Development	Service/ Construc	\$54,235	35	FRESNO	99,999	Solar Technician, Photovoltaic Specialist	Continuous Improvement, Literacy, Commercial, and Manufacturing Skills	This training project is designed to build a workforce in the West Fresno for the solar industry.
ET09-0121	GNB Corporation	Manufact	\$58,240	64	SACRAMENTO	66	Sales Rep, Engineer, Admin Staff, Welder, Detailer, Machinist, Assembler, Manager	Continuous Improvement; Literacy; Manufacturing, Commercial and Computer Skills	Manufactures vacuum components for science and industry - valves, baffles and chambers primarily for aerospace and solar industries.
ET09-0128	Dreyer's Grand Ice Cream Holdings Inc.	Food Product	\$1,135,728	956	Kern, San Joaquin, Los Angeles	6,100	Engineer, Ice Cream Maker, Ice Cream Mover, Maintenance Man, Sales Rep, Sanitation Spec, Manager, Quality Tech, Warehouse Worker, Administrator	Business, Continuous Improvement, Management, Manufacturing Skills	Trainees will learn to predict and prevent defects, and improve energy efficiency and reduce emissions of greenhouse gasses and other pollutants.
ET09-0161	Suffolk Construction Company, Inc.	Construct	\$74,592	74	Orange	845	Project Mgr, Superintendent, Accountant, Administrator, Engineer, Estimator, Sys Technologist, Scheduler, Manager	Business, Continuous Improvement, Computer Skills	To reduce energy consumption & comply w/new advances in "Green" building technologies, most trainees will receive training in Leadership in Energy & Environmental Design for Green Building standards.
ET09-0181	Opportunities Industrialization Center West dba JobTrain	Various	\$119,360	40	SANTA CLARA, SAN MATEO	99,999	Food Preparer, Medical Assistant, Construction Worker, Solar Installer, CNA, Acute Care Worker	Business; HazMat; Literacy; Commercial, Computer and Manufacturing Skills	Curriculum developers will work with employers from solar industry to create placement opportunities for solar graduates as Installers.

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ET09-0185	California American Water	Utilities	\$210,540	242	San Diego, Sacramento, Sonoma, Los Angeles, Ventura, Monterey	7,000	Admin Staff, Clerk, CSR, Operator, Utility Worker, Landscaper, Water Conservation Staff, Maintenance Man, Engineer, Technician, Professional Staff	Business, Continuous Improvement, Commercial and Computer Skills	Company participates in clean tech through rigorous business practices to promote a clean and healthy environment in water and wastewater management via environmental projects to protect rivers, creek beds, and by assisting with litter and hazardous waste. Company goals for water conservation include helping customers find ways to create zero water landscaping & conserve water. Training will teach the latest conservation & environment guidelines on how to prevent pollution, promote sustainability, and how to enhance the natural environment.
ET09-0188	Jeld-Wen, Inc.	Manufact	\$321,930	365	San Diego, Placer, San Joaquin	30,000	Production Worker, Distributor, Warehouse Worker, Operations Support, Sales Rep, Manager	Business, Continuous Improvement, Manufacturing and Computer Skills	Company is focusing training efforts on increasing efficiencies and expanding green-manufacturing processes, as well as quality and customer service. Workers will be trained in green manufacturing improvements and other skills.
ET09-0189	Peterson Brothers Construction, Inc.	Construct	\$129,600	180	Orange	635	Field Installer, Office Worker	Business, Continuous Improvement, Literacy, Commercial and Computer Skills	Training will eliminate waste in installation processes and green production processes will be introduced for first time.
ET09-0192	Penske Truck Leasing Company	Finance/ Transport Services	\$490,050	726	Alameda, Los Angeles, San Francisco, Sacramento, Santa Clara, Riverside, Solano, Fresno, Kern, San Bernardino, etc.	20,000	Technician, CSR, Ordering Clerk	Business, Commercial Skills	Company has been proactive in "going green", by supporting research and engine usage that is environmentally-friendly. They train employees when moving from diesel fuel to compressed natural gas. All company operations exceed environment standards in recycling of waste, water, and oil. They invested in 3 new buildings that are energy efficient and is updating existing buildings to be more green.
ET09-0199	Christopher A. Joseph & Associates, Inc.	Engineer Service	\$74,880	80	Los Angeles, Alameda, Mono, Sonoma	80	Engineer, Scientist, Planner, Project Mgr, Admin Staff, Supv	Business, Continuous Improvement, Commercial and Computer Skills	Company is an environmental consulting firm.
ET09-0202	Battery Systems, Inc.	Wholesale Trade/ Service	\$74,700	166	Statewide	342	Warehouse Worker, Retail Clerk, Sales Rep, Admin Staff, Driver, Manager	Business, Continuous Improvement, Computer Skills	Company recycles, distributes and sells batteries and energy panels.
ET09-0203	East Bay Spanish Speaking Citizens' Foundation	Construc, etc.	\$72,644	26	Alameda	99,999	Solar Installer, Energy Efficiency Worker	Business, Commercial and Computer Skills	Training is for solar and energy efficient occupations.

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ET09-0206	Empire Container Corporation	Manufact	\$74,360	52	Los Angeles	54	Admin Staff, CSR, Designer, Owner, Sales Rep, Manager, Production Worker	Business, Continuous Improvement, Management, Manufacturing and Computer Skills	Company produces recycled and green products.
ET09-0207	Orange County Container Corporation	Manufact	\$449,820	210	Los Angeles	1,800	Production Worker, Distributor, Warehouse Worker, Office Support, Management IT Staff, Supervisor	Business, Continuous Improvement, Advanced Tech, Manufacturing and Computer Skills	Company was certified in June 2008 by Forest Stewardship Council as responsible manager of forests. They produce paper and pulp products.
ET09-0211	US Farm Systems, Inc.	Manufac/ Agric	\$161,200	62	Tulare	62	Manager, Fabricator, Shop Worker, Field Service Rep, Installer, Draftsman, Technician, Admin Staff	Business, Continuous Improvement, Management, Manufacturing and Computer Skills	leader in dairy waste handling, allows dairies to comply with environmental regulations & protect communities
ET09-0216	Pacific Ethanol, Inc.	Manufact	\$216,000	150	San Joaquin, Sacramento, Madera, Fresno	240	Technician, Operator, Admin Support, Production Worker, Maintenance Man, Handler, Logistics Worker, Scheduler, Manager	Management; HazMat; Manufacturing, Commercial and Computer Skills	Company manufactures and distributes low-carbon ethanol, and is reducing transportation cost by selling locally, with fewer harmful atmospheric emissions.
ET09-0226	Toshiba America Electronic Components, Inc.	Trade/Hi Tech Mfg	\$99,360	138	Orange, San Diego, Santa Clara	191,000	Corporate Support, Manager, Researcher, Engineer, IT Staff, Sales Rep	Business, Continuous Improvement, Advanced Tech, Computer Skills	Company is committed to the reduction of waste, hazardous substances, and the impact of its operations on the environment. They are a Sony Green Partner who received many awards, and have been certified in ISO14001 for green business practices. They have started many Voluntary Plans to lessen global warming, and are trying to achieve a 25% reduction in carbon emissions and 10% reduction in PFCs by 2010.

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ET09-0231	Natural Selection Foods LLC dba Earthbound Farm	Agricult	\$173,160	130	San Benito, Monterey	422	Manager, Lead, Admin Staff, Support Staff, Technician, Production Worker	Business, Continuous Improvement, Manufacturing and Computer Skills	Founded as a farm & organic raspberry stand, company has grown to manufacture and sell organic produce on 40,000 acres. They promote sustainable agriculture, protecting the ecosystem health; run vehicles on biodiesel; use recycled cardboard for salad cartons; avoid using chemicals; conserve petroleum; save trees, landfill space, kilowatts of energy and water. In 2003 owners received Global USA's Corporate Environmental Leadership award.
ET09-0235	EBTA Architects, Inc.	Hi Tech Service	\$30,976	16	Orange	17	Owner, Architect, Designer, Drafter, Admin Staff	Business, Continuous Improvement, Commercial and Computer Skills	EBTA must meet demand by developing new systems to improve architectural design, expand customer service, and decrease production costs. Ability to incorporate more technology into company processes and learn newly emerging "green" building, with Leadership in Energy and Environmental design techniques will help them remain competitive by designing and producing more sustainable design products in the future.
ET09-0238	Xerox Corporation	Manufact	\$332,750	250	Los Angeles	57,400	Software Developer, Manager	Continuous Improvement, Advanced Tech	Company is focused on green technology innovation and developed reusable paper. They invented paper that can be printed on, then reused the next day when paper turns blank, resulting in reduced waste and less environmental impact.
ET09-0241	Delphon Industries, LLC	Manufact	\$98,262	103	Alameda, San Diego	114	Manager, Production Worker, Support Staff, Technician	Business, Continuous Improvement, HazMat, Manufacturing and Computer Skills	Company recognizes need to be environmentally and socially responsible. They will conduct a train-the-trainer program in green business practices, such as recycling, thereby decreasing waste and improving air quality.
ET09-0242	FullBloom Baking Company, Inc.	Mfg/Food Product	\$51,120	71	Alameda	210	Admin Staff, Engineer, Manager, Production Worker, Warehouse Worker, Product Developer, R&D Technician, Support Staff, Baker	Business, Continuous Improvement, Literacy, Manufacturing and Computer Skills	Company uses organic and all natural ingredients, and is committed to implementing environmentally conscious processes. They set goal to achieve certification from Leaders in Energy & Environmental Design, a nonprofit that expands sustainable building practices. Company will become more energy efficient and reduce waste and water in production processes, including packaging.

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ET09-0243	Fong Brothers Printing, Inc.	Mfg/ Printing	\$74,520	115	San Mateo, San Francisco	210	Admin Staff, CSR, Production Worker, Manager, Prepress Operator, Press Operator, Sales Rep	Business, HazMat, Manufacturing and Computer Skills	Company is becoming certified compliant to environmental standards ISO 14001 for green manufacturing process improvements towards zero emissions, environmentally preferred purchasing of materials, and energy and water conservation methods. The are meeting increasing customer demand for environmentally-certified paper products using raw materials harvested from certified sources, controlled wood sources or post-consumer reclaimed sources.
ET09-0244	PHCC Education Foundation/Green Plumbers USA	Construc	\$197,117	347	Los Angeles, Orange, Sacramento	99,999	Plumber, Manager	Commercial Plumbing Skills	Foundation was created through agreement with Green Plumbers of Australia to bring sucessful water and energy conservation program to America. Program is designed to protect natural resources through plumbing efficiencies improved technologies to reduce water demand, curtail greenhouse gas emissions, and limit global warming. Distinct methods of repair and installation are required, and training will teach installers new techniques for working with green plumbing materials. Participating employers will be able to control costs by reducing on the job scrap and improve efficiency.
ET09-0247	Recycling Industries, Inc.	Services	\$15,600	10	Sutter	40	Laborer, Admin Staff	Business, Continuous Improvement, Literacy, Commercial Skills	Company provides recycling service to businesses and people in northern California. They recycle paper, plastic, glass and aluminum.
ET09-0248	Brocade Communications systems, Inc.	Manufact	\$874,800	900	Santa Clara	2,629	IT Staff, Engineer, Finance Staff, Accountant, Manager, Sales Rep, CSR, Operations Staff	Business, Continuous Improvement, Computer Skills	Company will build new facility in San Jose, investing \$249 million utilizing green building technologies, in keeping with its strategy as a manufacturer of energy-efficient products.
ET09-0253	Engineering & Testing services Corporation	Service	\$221,400	246	Alameda, Riverside, San Diego, Orange, San Bernardino, Sacramento, Sonoma	312	Admin Staff, Field Engineer, Inspector, Manager, Marketer, IT Staff, Lab Technician	Business, Continuous Improvement, Commercial and Computer Skills	Some of the company's services include environmental consulting, water supply studies, asbestos surveys and soil testing.

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ET09-0258	Medway Plastics Corporation	Manufact	\$74,100	38	Los Angeles	98	Production Worker, Admin Staff, Supervisor	Business, Continuous Improvement, Manufacturing and Computer Skills	Company promotes clean tech by using recycled plastic and using a Cogen power plant which runs on natural gas. Their R&D department researches plastic bottles and other plastic materials, including recycling processes.
ET09-0259	Severn Trent Services	Manufact	\$156,870	105	Los Angeles	2,800	Admin Staff, Manager, Production Worker, Technician, Engineer	Business, Continuous Improvement, Literacy, Management, Manufacturing and Computer Skills	Company is the world's leading supplier of water and waste water treatment solutions, and they design and manufacture water disinfection products to protect water resources. Training will help to reduce waste and improve efficiency.
ET09-0268	Organic Mattresses, Inc.	Manufact	\$21,060	27	Sutter, Nevada?	30	Admin Staff, Production Worker, Manager	Management, Literacy, Continuous Improvement, Manufacturing and Computer Skills	Company is leading manufacturer of organic mattresses & bedding, and is full-circle environmental company committed to offering retailers the purest organic products. They use certified, organic raw materials, and cotton batting is premium grade virgin cotton sanitized with non-chemical ozone process. Premium Eco-Wool is humanely shorn from hormone free, homeopathically raised sheep grazing in pesticide-free meadows. Natural rubber latex cores supplied by only US source for pure 100% natural Talalay-processed rubber, derived from milk of the rubber tree.
ET09-0272	Genesis Engineering Services, Inc.	Trade/ Service	\$64,480	40	SANTA CLARA	82	CSR, Lab Tech, Warehouse Worker, Manager	Business, Continuous Improvement, Manufacturing Skills	A significant portion of the business activity involves collecting used electronic equipment, moving it and recycling what can be reused.
ET09-0275	United Parcel Service, Inc.	Transp/ Service	\$1,334,965	1,221	Alameda, Contra Costa, Los Angeles, Santa Clara, Orange, San Francisco, San Mateo, Sacramento, San Diego, San Luis Obispo, Lassen, Tulare, Fresno, San Bernardino	425,000	Driver, Feeder Driver, Mechanic, Accountant, Collection Agent, Admin Staff, Engineer, Support Staff, Specialist, HR Rep, Sales Rep, Marketer, Manager	Business, Management, Commercial Skills	A new system called Package Flow Technology has been enhanced to include Telematics, which analyzes data in delivery trucks to slash energy consumption, improve efficiency, and increase customer satisfaction. In California, this will help UPS maintain momentum towards going green.

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ET09-0276	KS Industries LP	Construc	\$504,000	350	KERN	1,150	Crew Lead, Working Foreman	Continuous Improvement, Commercial Skills	KSI is involved with all the producers (Chevron, Shell, Aera Energy, Berry Petroleum) in clean technology. Company works on many projects involving water treatment and reclamation. KSI does most of the maintenance at Chevron's station 36 water plant, which provides 60,000 barrels of reclaimed production water per day for agricultural use.
ET09-0279	LPA, Inc.	Service	\$252,525	259	ORANGE	273	Admin Staff, Architect Designer	Business, Continuous Improvement, Commercial and Computer Skills	The architecture profession is rapidly changing to include more green developments and sustainable buildings. LPA needs to retrain architects and designers as certified Leadership in Energy and Environmental Design standards. They are introducing new system called the Building Information Model that allows comprehensive method to meet new green standards efficiently.
ET09-0283	Lortz & Son Manufacturing Company, Inc.	Manufact	\$401,004	141	KERN	158	Engineer, Fabricator, Welder, Quality Staff, Shipper, Logistics Worker, Sales Rep, Admin Staff, Manager, Metal Worker, Machinist	Manufacturing and Computer Skills	Company fabricates towers for wind generation and recently completed support structures in solar fields. They are taking action to reduce carbon footprint and integrate green business practices into operations via several new software packages to support paperless operating system.
ET09-0284	Gold Crown Electronics, Inc.	Service/ Manufact	\$20,280	13	LOS ANGELES	15	Admin Staff, Quality Staff, Production Worker, Shipper, Receiving Clerk, Warehouse Worker, Owner, Supervisor	Business, Continuous Improvement, Manufacturing Skills	Company specializes in electronics repair and refurbishing. They focus on quality and use of sustainable material, enforcing a rigorous e-waste procedure to achieve Tier 1 Supplier certification. ETP training will help them pursue higher level environmental certifications.
ET09-0288	VAN DORPE CHOU ASSOCIATES, INC.	High Tech Service	\$57,720	37	ORANGE	40	Engineer, Drafter, CAD Operator, Admin Support, Technician, Project Manager, Supervisor, Owner	Business, Continuous Improvement, Commercial and Computer Skills	Company is implementing Leadership in Energy & Environmental Design program to promote integrated, green, whole-building design practices.
ET09-0294	Pilkington North America, Inc.	Manufact	\$131,760	75	San Joaquin, Sacramento, Stanislaus	36,000	Chemical Engineer, Electrician, Manager, Maintenance Man, Mechanic, Operator	Business, Continuous Improvement, HazMat, Advanced Tech, Manufacturing Skills	Company investing in capacity to produce specialty glass for photovoltaic market or solar panel industry. By expanding its manufacturing capacity of transparent conducting oxide coating, they hope to minimize the total carbon footprint of solar panel manufacturing process. They will use new technology to dramatically reduce the carbon footprint of end use products in homes and buildings.

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ET09-0299	Fresno Truck Center	Wholesale Trade/ Service	\$341,250	130	Kern, San Joaquin, Fresno, Sacramento	345	Vehicle Technician	Commercial Skills	New diesel engine emission standards will go into effect soon, and service /maintenance on new high tech engines and retro fitting older trucks to "cleaner & greener" machines is going to require increased training.
ET09-0308	Decore-Ative Specialties, Inc.	Manufact	\$858,240	596	Los Angeles, Sacramento	1079	Production Worker, CSR, IT Staff, Manager, Sales Rep	Business, Continuous Improvement, Management, Advanced Tech, and Manufacturing Skills	To become environmental-friendly production facility, company has invested \$3.5 million to create & launch new green technology equipment for cabinets & other products. The technology will give significant reduction in environmental impact of installing cabinets in homes, and allow company to compete with companies that outsource processes out-of-state due to environmental restrictions in California. The new process will reduce waste. Training plan covers Manufacturing Skills on practices and techniques for clean technology and environmental-friendly production.
ET09-0318	Jacob Moss, Inc. dba Moss Electrical Contracting	Construc Services	\$28,080	12	SACRAMENTO	12	Electrician, Manager, Owner	Business, Continuous Improvement, Management, Commercial and Computer Skills	Company provides photovoltaic solar systems and energy conservation upgrades. Training will expand employees' knowledge in solar electrical grounding and bounding, solar power, and other topics.
ET09-0322	Biosphere Industries, LLC	Mfg/ Service	\$17,160	11	SANTA BARBARA	11	Production Worker, Researcher, Product Developer	Manufacturing and Computer Skills	Company manufactures biodegradable rigid packaging made primarily from yearly harvested raw materials. Products can be disposed of in paper waste stream, composting, or garbage disposal, and is based on starches, potatoes and grass, so they are earth-friendly.
ET09-0329	STURGEON AND SON, INC.	Construc/ Transpor	\$538,560	374	Kern, Contra Costa, Los Angeles, Santa Barbara, Ventura, Orange	426	Clerk, Admin Staff, Construction Worker, Driver, Shop Worker, Yard Worker, Service Worker, Supervisor	Business, Continuous Improvement, HazMat, Commercial and Computer Skills	Clean, Construc, CTE, Valley
ET09-0332	SONY PICTURES ENTERTAINMENT	Manufact/ Multi Media/ Entertainment	\$253,800	300	LOS ANGELES	151400	Manager, Customer Service, Admin Staff, Technician, Support Staff	Business, Continuous Improvement, and Computer Skills	Clean

CCG #	Contractor Name	Industry	Approved Amount	# to Train	County	Bus Size	Occupation	Types Training	Evidence of Clean Tech
ET09-0353	NATIONAL SEMICONDUCTOR CORPORATION	Manufacturing	\$780,000	1500	SANTA CLARA, NEVADA, LOS ANGELES, SAN DIEGO	7300	Administrative, Customer Service, Operations Tech, Sales/Marketing Reps, Engineer, Ops Manager, Finance Reps, Programmer	Advanced Technology, Business, Computer, Management, and Continuous Improvement Skills	National's power efficient circuits are posed to meet the future energy needs to products across an array of industries including medical, security, video distribution/ transmission, and personal mobile devices. National also has entered into the photovoltaic market with new technology designed to increase the effectiveness of solar panels under variable light conditions.
ET09-0355	PURE ENERGY SYSTEMS, INC.	Construction; Services	\$18,720	12	KERN	12	Installer, Sales, Administrative, manager, President/VP(Owners)	Business, Commerical, Computer, Continuous Improvement Skills	Company designs, sells, services and installs solar electric, water, pool, and wind energy systems for residential, commercial, and industrial applications.
ET09-0356	CITY OF RICHMOND WORKFORCE INVESTMENT BOARD	Construction; Services	\$197,478	53	CONTRA COSTA	99999	Solar Installer, Maintenance, Construction, laborer	Commerical and Job Readiness Skills	This contract is under the BUILD Program which is marketing towards the solar industry and is already placing workers with these companies.
ET09-0358	FIREMAN'S FUND INSURANCE COMPANY	Insurance/Finance	\$497,250	1275	LOS ANGELES, ORANGE, MARIN, SAN MATEO, CONTRA COSTA, SAN DIEGO, SACRAMENTO, FRESNO	181207	Underwriter, Support, Customer Service, Accounting, IT, Management	Business, Computer, Continuous Improvement	This Company allows the customer to replace standard systems and materials with green ones in the event of a loss. In 2008 Governors Office recognized them as one of five firms to contribute to the green movement.
ET09-0359	SHEET METAL & AIR CONDITIONING APPRENTICESHIP & JOURNEYMAN JOINT TRAINING FUND	Construction/ Services	\$285,240	180	SAN DIEGO	99999	Sheet Metal Journeyman, Technician and Pre Apprentice	Business, Commerical, Literacy	Training includes green business practices necessary to meet commercial interest and demand to develop, retrofit, and maintain greener buildings.
ET09-0365	INTERNATIONAL PAPER COMPANY	manufacturing	\$360,000	160	TULARE	65000	Production, Admin, Maintenance, Shipping, Leads	Business, Computer, Continuous, Improvement, Manufacturing	Company is engaged in partnerships with the U.S. Environmental Protection Agency and has a long-standing policy of using no wood from endangered forests and supports mutual recognition of forest certification standards.

CCG #	Contractor Name	Industry	Approved Amount	# to Train	County	Bus Size	Occupation	Types Training	Evidence of Clean Tech
ET09-0368	REHRIG PACIFIC COMPANY	Manufacturing	\$494,856	237	LOS ANGELES	800	Admin, IT, Production, Sales, Warehouse, Management	Business, Computer, Continuous Improvement, Literacy, Advance Tech and Manufacturing Skills	Uses 100% recyclable materials throughout its product line and they use non-heavy metal colors.
ET09-0376	REGIONAL TECHNICAL TRAINING CENTER	Various - Bio Tech/Life Science, Green, Services	\$460,080	120	ALAMEDA	99999	Environmental Engineering Tech, Biotech Techs, Field Service Tech	Business, Commerical, Computer Skills	The purpose of this program is to prepare new-hire trainees to obtain entry level green collar jobs in the bay area such as: photovoltaic installer, solar thermal installer, sales rep, energy auditors, water, air, soil technicians, and hazmat techs.
ET09-0389	ESLOAR, INC.	manufacturing	\$74,520	60	LOS ANGELES	136	Technician, Engineer, Admin, Management	Business, Computer, Continuous Improvement, Literacy, and Manufacturing Skills	Manufactures and construction of utility scale solar power plants. The eSolar power plant utilizes small mirrors which track the sun with high precision and reflect the sunlight to a tower-mounted receiver, which boils water to create steam. This steam powers a traditional turbine and generator to produce solar electricity.
ET09-0399	LAWRENCE LIVERMORE NATIONAL LABORATORY OPERATED BY LAWRENCE LIVERMORE NATIONAL SECURITY, LLC	manufacturing	\$69,300	70	ALAMEDA	6539	Machinst, Mechancial Engineering Technicians/Technologist, Management	Continuous Improvement, Management, and Manufacturing Skills	For the past 10 years this company has been in the research and development process for the High Pressure Hydrogen Car and is now ready to transfer to commercial production.
ET09-0402	GILSTRAP'S CLEANING AND RESTORATION SERVICES, INC.	Services	\$29,920	17	TULARE	29	Owners, Commercial Cleaning Techs, Environmental Clean-Up Techs, Admin, Management	Business, Commercial, Computer and Continuous Improvement	This company provides mold, asbestos, and additional indoor environmental remediation services.
ET09-0407	TBP/ARCHITECTURE, INC.	Construction - services	\$74,844	63	CONTRA COSTA, LOS ANGELES, ORANGE	75	Admin, Architect, Drafters, Technical Staff	Business, Commerical, Computer, Continuous Improvement Skills	New green requirements for sustainable design are quickly becoming the "construction" industry standards.

CCG #	Contractor Name	Industry	Approved Amount	# to Train	County	Bus Size	Occupation	Types Training	Evidence of Clean Tech
ET09-0412	OWENS DESIGN INCORPORATED	Manufacturing High Tech	\$150,072	74	ALAMEDA	55	Production, Support, Technical, and Management	Business, Computer, Continuous Improvement, Manufacturing Skills	Company designs, engineers, manufactures, assembles, and tests the capital equipment used by companies in the solar industry.
ET09-0417	STRUCTURAL COMPOSITES INDUSTRIES L.L.C.	Manufacturing	\$281,160	142	LOS ANGELES	1,250	Admin, Engineer, Lead, Production, Matreials, Technical, and Management	Business, Computer, Continuous Improvement, Manufacturing Skills	Designs and manufacturers lightweight, aluminum-lined composite-wrapped, high pressure cylinders for alternative fuel vehicles.
ET09-0423	BLOOM ENERGY CORPORATION	High Tech Services - Green Tech	\$681,720	299	SANTA CLARA	308	Engineer, Manufacturer, Operations, Admin, Facilities, Manu Techs, Sales, Service, Management	Advanced Technology, Business, Computer, Manufacturing, and Continuous Improvement Skills	Bloom's on-site power generation systems utilize an innovative fuel cell technology with roots in NASA's Mars program. The systems provide efficient energy generators with reduced operating costs and lower greenhouse gas emissions. By generating power where it is consumed, the systems offer increased electrical reliability and improved energy security while providing a path to energy independence.
ET09-0424	GIVE SOMETHING BACK BUSINESS PRODUCTS	Manufacturing/ Retail	\$187,200	80	ALAMEDA, SACRAMENTO	83	Technical , Production, Admin, Management	Business, Computer, Continuous Improvement, Manufacturing Skills	GSB is an Alameda County "Green Certified Business". Its 19,800 square foot Oakland facility is equipped with rooftop solar energy production units. GSB is known as a "B Corporations". "B Corporation" companies must meet strict comprehensive, transparent social and environmental standards, and amend their governing documents to reflect socially responsible values.
ET09-0425	CALIFORNIA LABOR FEDERATION, AFL-CIO	Construction	\$1,196,216	1160	MULTI COUNTIES	99,999	Sheet Metal Worker, Plumber, Electrician, Iron Worker, Foreman	Business, Commerical, Computer Skills	This project will retrain journey-level workers in California's construction trades to transition into the new green economy.
ET09-0426	ELECTRONIC INTERFACE, INC. DBA APPLIED ENGINEERING, INC.	Manufacturing	\$198,900	85	SANTA CLARA	74	Admin, Technical, Production, Management	Business, Computer, Continuous Improvement, Manufacturing Skills	Company is shifting its focus to solar and other nanotechnology related industries. Production staff will be trained in skills related to solar products.

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CATEGORY	PROGRAM	AMOUNT	RESPONSIBLE STATE AGENCY	FUNDING TYPE	FUNDING CYCLE	DEADLINE	LINK	NOTES
Commerce	Federal Funding Opportunity: American Recovery Program	150M available	None - Federal: Dept. of Commerce, Economic Dev. Admin.	Competitive		ongoing	http://www.eda.gov/PDF/FY09ARRAFFOFINAL031309.pdf	For economically distressed areas, eligible projects must be completed within 120 days of 02-17-09
Commerce	Construction of Research Facilities	360M available	None - Federal: Nat. Institute of Standards & Technology	Competitive			http://www.nist.gov/recovery/	Awaiting NIST guidance
Commerce	Broadband Technology Opportunities	>450M available	None - Federal: Nat. Telecoms. & Info. Admin.	Competitive			http://www.ntia.doc.gov/	Awaiting NTIA guidance, public meetings conclude on 3-24
Commerce	Infrastructure Grants	TBD	None - Federal: Nat. Telecoms. & Info. Admin.	Competitive			http://www.ntia.doc.gov/	Awaiting NTIA guidance, public meetings conclude on 3-25
Commerce	Public Computer Center Grants	>200M available	None - Federal: Nat. Telecoms. & Info. Admin.	Competitive			http://www.ntia.doc.gov/	Awaiting NTIA guidance, public meetings conclude on 3-26
Commerce	Sustainable Broadband Adoption Grants	>250M available	None - Federal: Nat. Telecoms. & Info. Admin.	Competitive			http://www.ntia.doc.gov/	Awaiting NTIA guidance, public meetings conclude on 3-27
Education	State Fiscal Stabilization: Education K-12	4.87B available	CA Postsecondary Education Commission	Formula - population	02-17-09 (Part I) 07-01-09 (Part II)	09-30-11 (Part II - rolling)	http://www.cpec.ca.gov/completereports/2009reports/09-06.pdf	Must follow specific rules for allocation. Awaiting Ed guidance
Education	State Fiscal Stabilization: "Race to the Top"	4.35B available	CA Department of Education	Competitive			http://www.cde.ca.gov/fga/ar/sum.asp	Awaiting Ed guidance
Education	State Fiscal Stabilization: "Investing in What Works & Innovation"	650M available	CA Postsecondary Education Commission	Competitive			http://www.ed.gov/policy/gen/leg/recovery/factsheet/stabilization-fund.html	Awaiting Ed guidance

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CATEGORY	PROGRAM	AMOUNT	RESPONSIBLE STATE AGENCY	FUNDING TYPE	FUNDING CYCLE	DEADLINE	LINK	NOTES
Education	Individuals with Disabilities Education Act (IDEA), Part B Grants	1,226,944,052	CA Postsecondary Education Commission	Application	03-09 (Part I) 10-01-09 (Part II)		http://www.cpec.ca.gov/completereports/2009reports/09-06.pdf	No new application needs to be filed
Education	IDEA, Part B Preschool Grants	41,028,219	CA Postsecondary Education Commission	Application	03-09 (Part I) 10-01-09 (Part II)		http://www.cpec.ca.gov/completereports/2009reports/09-06.pdf	No new application needs to be filed
Education	IDEA, Part C Grants for Infants & Families	53,233,307	CA Postsecondary Education Commission	Application	03-09 (Part I) 10-01-09 (Part II)		http://www.cpec.ca.gov/completereports/2009reports/09-06.pdf	No new application needs to be filed
Education	Title I, Local Educational Agencies Grants	1,128,225,993	CA Postsecondary Education Commission	Application	07-01-09 (Part I) 10-01-09 (Part II)		http://www.cpec.ca.gov/completereports/2009reports/09-06.pdf	No new application required. Must submit app amendment to receive remainder
Education	Vocational Rehabilitation	56,470,213	CA Postsecondary Education Commission	Formula			http://www.cpec.ca.gov/completereports/2009reports/09-06.pdf	
Education	Independent Living State Grants	1,623,087	CA Postsecondary Education Commission	Formula			http://www.cpec.ca.gov/completereports/2009reports/09-06.pdf	
Education	Enhancing Education Through Technology	70,805,622	CA Postsecondary Education Commission				http://www.cpec.ca.gov/completereports/2009reports/09-06.pdf	
Education	Services for Older Individuals Who are Blind	3,707,078	CA Postsecondary Education Commission	Formula			http://www.cpec.ca.gov/completereports/2009reports/09-06.pdf	
Energy	Energy Efficiency & Conservation Block Grant	~56,000,000	CA Energy Commission	Grant			http://www.energy.ca.gov/recovery/index.html	Awaiting DOE guidance
Energy	Local Grants	~33,600,000	CA Energy Commission	Grant			http://www.energy.ca.gov/recovery/index.html	Awaiting DOE guidance
Energy	Discretionary	~ 22,400,000	CA Energy Commission	Discretionary			http://www.energy.ca.gov/recovery/index.html	Awaiting DOE guidance
Energy	State Energy Program	226,093,000	CA Energy Commission				http://www.energy.ca.gov/recovery/index.html	Awaiting DOE guidance

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CATEGORY	PROGRAM	AMOUNT	RESPONSIBLE STATE AGENCY	FUNDING TYPE	FUNDING CYCLE	DEADLINE	LINK	NOTES
Energy	Clean Cities: Alternative Fuel & Advanced Fuel Technology Grant	<300M available	CA Energy Commission	Competitive	05-29-09 (Part 1) 09-30-09 (Part 2)		http://www.afdc.energy.gov/cleancities/progs/solicitations.php	Projects must be btw. 5M-15M to qualify
Environment	Brownfields Program	<100,000,000 available	CA Environmental Protection Agency	Competitive			http://www.epa.gov/brownfields/eparecovery/index.htm	
Environment	Brownfields Job Training Grant	<5,000,000 available	None - Federal: EPA	Competitive		04-20-09	http://www.epa.gov/brownfields/grant_guidelines/final_arra_jt_guidelines.pdf	Expects to award 10-12 cooperative agreements
Environment	Leaking Underground Storage Tank Program	200,000,000 available	Department of Toxic Substances Control and State Water Resources Control Board	Discretionary			http://www.epa.gov/oust/states/ca.htm	CA will have access to the funds as soon as it has an "approved state program"
Environment	Superfund Redevelopment	600,000,000 available	None - Federal: EPA	Discretionary			http://www.epa.gov/superfund/eparecovery/index.html	Helps communities return hazardous sites to productive use
Health	Medicaid	1,991,907,534	None - Federal: HHS	Formula	Already awarded	Closed	http://www.hhs.gov/recovery/programs/medicaid/map.html	
Health	NIH Research Grants	8,200,000,000 available	None - Federal: National Institutes of Health	Competitive	2009-2010		http://grants.nih.gov/recovery/	
Health	Challenge Grants in Health & Science Research	200,000,000 available	None - Federal: National Institutes of Health	Competitive	2009-2010	04-27-09	http://grants.nih.gov/grants/guide/rfa-files/RFA-OD-09-003.html	
Health	Core Facility Renovation, Repair, & Improvement	1,000,000,000 available (w/ ERFIP)	None - Federal: National Institutes of Health	Competitive		09-17-09	http://grants.nih.gov/grants/guide/rfa-files/RFA-RR-09-007.html	

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CATEGORY	PROGRAM	AMOUNT	RESPONSIBLE STATE AGENCY	FUNDING TYPE	FUNDING CYCLE	DEADLINE	LINK	NOTES
Health	Extramural Research Facilities Improvement Program	1,000,000,000 available (w/ CFERR)	None - Federal: National Institutes of Health	Competitive		05-06-09; 06-17-09; 07-17-09	http://grants.nih.gov/grants/guide/rfa-files/RFA-RR-09-008.html	Due dates based on cost of the project
Health	Competitive Revision Applications	1,000,000,000 available	None - Federal: National Institutes of Health	Competitive		04-21-09	http://grants.nih.gov/grants/guide/notice-files/NOT-OD-09-058.html	
Health	Supplements - Summer Research Experiences for Students & Science Educators	1,000,000,000 available	None - Federal: National Institutes of Health	Competitive	2009-2011	rolling	http://grants.nih.gov/grants/guide/notice-files/NOT-OD-09-060.html	
Health	Administrative Supplements	1,000,000,000 available	None - Federal: National Institutes of Health	Competitive	2009-2011	rolling	http://grants.nih.gov/grants/guide/notice-files/NOT-OD-09-056.html	
Health	High-end Instrumentation Grant Program	160,000,000 available	None - Federal: National Institutes of Health	Competitive		05-06-09	http://grants.nih.gov/grants/guide/pa-files/PAR-09-118.html	
Health	Senior Nutrition Programs	9,827,504	CA Food Policy Advocate	Formula	2009-2011		http://www.hhs.gov/recovery/programs/aoa/arra.html	
Health	Title IV-E Adoption Assistance & Foster Care Programs	33,792,604	CA Department of Health Care Services	Formula	2009-2011		http://www.hhs.gov/recovery/programs/acf/adoption-foster.html	
Health	Disproportionate Share Hospitals	26,847,075	CA Department of Health Care Services	Formula			http://www.hhs.gov/recovery/cms/dsh.html	
Health	Community Health Center Grants	155,000,000 available	None - Federal: HHS	TBD			http://www.hhs.gov/recovery/hrsa/healthcentergrants.html	
Housing	Weatherization	185,000,000	CA Dept. of Community Services & Development	Grant			http://www.csd.ca.gov/Recovery/Recovery.aspx	Awaiting DOE guidance

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CATEGORY	PROGRAM	AMOUNT	RESPONSIBLE STATE AGENCY	FUNDING TYPE	FUNDING CYCLE	DEADLINE	LINK	NOTES
Housing	Assisted Housing Stability & Energy & Green Retrofit Investments Stimulus Program	250,000,000 available	CA Department of Housing and Community Development	Competitive	04-17-09		http://www.hud.gov/recov/aheretrofith.cfm	Awaiting application, grant, and loan details
Housing	Community Development Block Grants	123,327,429	CA Department of Housing and Community Development	Formula	Already awarded	Closed	http://www.hud.gov/recov/ery/cdblock.cfm	176 cities & counties have already received funds
Housing	Homelessness Prevention Fund	189,086,299	CA Department of Housing and Community Development	Formula	Already awarded	Closed	http://www.hud.gov/recov/ery/homeless-prevention.cfm	State and 78 city & county programs already received
Housing	Native American Housing Block Grant	242,250,000 available	CA Department of Housing and Community Development	Competitive		09-30-09	http://www.hud.gov/recov/ery/icdblockh.cfm	CFDA #14.887
Housing	Native American Housing Block Grant	15,033,324	CA Department of Housing and Community Development	Formula	Already awarded	Closed	http://www.hud.gov/recov/ery/native-american-formula.cfm	
Housing	Lead Hazard Reduction/Healthy Homes	17,624,182	CA Department of Housing and Community Development	Formula	Already awarded	Closed	http://www.hud.gov/recov/ery/healthy-homes.cfm	
Housing	Neighborhood Stabilization	1,980,000,000 available	CA Department of Housing and Community Development	Competitive		09-01-09	http://www.hud.gov/recov/ery/nspg.cfm	
Housing	Public Housing Capital Fund	117,918,838	CA Department of Housing and Community Development	Formula	Already awarded	Closed	http://www.hud.gov/recov/ery/phcfund.cfm	
Housing	Public Housing Capital Fund	995,000,000 available	CA Department of Housing and Community Development	Competitive		09-30-09	http://www.hud.gov/recov/ery/phcapfundh.cfm	Awaiting NOFA

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CATEGORY	PROGRAM	AMOUNT	RESPONSIBLE STATE AGENCY	FUNDING TYPE	FUNDING CYCLE	DEADLINE	LINK	NOTES
Housing	Project-Based Rental Assistance	305,037,547	CA Department of Housing and Community Development	Formula	Already awarded	Closed	http://www.hud.gov/recovery/pbrassistance.cfm	
Housing	Low Income Housing Tax Credit Assistance Program	325,877,114	CA State Treasurer	Formula	Already awarded	Closed	http://www.hud.gov/recovery/tax-credit.cfm	
Housing	Indian Community Development Block Grant	10,000,000 available	CA Department of Housing and Community Development	Competitive			http://www.hud.gov/recovery/icdblockh.cfm	Awaiting NOFA
Justice	COPS Hiring Recovery Program	1,000,000,000 available	None - Federal: DOJ, Community-Oriented Policing Services Office	Competitive	2009-2011	04-14-09	http://www.cops.usdoj.gov/default.asp?Item=2108	
Justice	Services Training Officers Prosecutors (STOP) Program	13,298,809	None - Federal: DOJ, Office on Violence Against Women	Formula	Already awarded	Closed	http://www.ovw.usdoj.gov/recovery.htm	
Justice	State Sexual Assault & Domestic Violence Coalitions	8,750,000 available	None - Federal: DOJ, Office on Violence Against Women	Competitive			http://www.ovw.usdoj.gov/state_grant_desc.htm	
Justice	Transitional Housing Assistance Program	43,000,000 available	None - Federal: DOJ, Office on Violence Against Women	Competitive			http://www.ovw.usdoj.gov/thousing_grant_desc.htm	
Justice	Tribal Governments Grant Program	20,800,000 available	None - Federal: DOJ, Office on Violence Against Women	Competitive			http://www.ovw.usdoj.gov/indian-tribal-gov-grant.htm	
Justice	Tribal Sexual Assault & Domestic Violence Coalitions	2,800,000 available	None - Federal: DOJ, Office on Violence Against Women	Competitive			http://www.ovw.usdoj.gov/TribalCol.htm	
Justice	Southwest Border Initiative: Project Gunrunner	10,000,000 available	None - Federal: DOJ, Bureau of Alcohol, Tobacco & Firearms	TBD			http://www.atf.gov/recovery/index.htm	No specific details on how this will affect CA's border

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CATEGORY	PROGRAM	AMOUNT	RESPONSIBLE STATE AGENCY	FUNDING TYPE	FUNDING CYCLE	DEADLINE	LINK	NOTES
Justice	Edward Byrne Memorial Justice Assistance Grant Program	225,354,622	None - Federal: DOJ, Ofc. Of Justice Programs	Formula		04-09-09 (State) 05-18-09 (Local)	http://www.ojp.gov/recovery/	
Justice	Edward Byrne Memorial Justice Assistance Grant Competitive Program	225,000,000 available	None - Federal: DOJ, Ofc. Of Justice Programs	Competitive		04-27-09	http://www.ojp.gov/recovery/	
Justice	Correctional Facilities on Tribal Lands	225,000,000 available	None - Federal: DOJ, Ofc. Of Justice Programs	Competitive		05-04-09	http://www.ojp.gov/recovery/	
Justice	Assistance to Rural Law Enforcement to Combat Crime & Drugs	125,000,000 available	None - Federal: DOJ, Ofc. Of Justice Programs	Competitive		04-22-09	http://www.ojp.gov/recovery/	
Justice	State & Local Law Enforcement Assistance: Combating Criminal Narcotics Activity - Southern Border	30,000,000 available	None - Federal: DOJ, Ofc. Of Justice Programs	Competitive		04-17-09	http://www.ojp.gov/recovery/	
Justice	Crime Victims Compensation & Assistance	11,041,055	CA Victim Compensation & Government Claims Board	Formula		03-20-09	http://www.ojp.gov/recovery/	
Justice	National Field-Generated Training, Technical Assistance, & Demonstration Projects	5,000,000 available	None - Federal: DOJ, Ofc. Of Justice Programs	Competitive		03-26-09	http://www.ojp.gov/recovery/	
Justice	Internet Crimes Against Children Initiatives	4,233,003	Governors Office of Emergency Services, Law Enforcement & Victims Services	Formula		04-08-09	http://www.ojp.gov/recovery/	

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CATEGORY	PROGRAM	AMOUNT	RESPONSIBLE STATE AGENCY	FUNDING TYPE	FUNDING CYCLE	DEADLINE	LINK	NOTES
Transportation	Highway, Transit, Freight, Rail, Ports	1.5B available	CalTrans	Discretionary	09-30-11		http://www.caltrans.ca.gov/Recovery/	Awaiting DOT guidance, criteria available in 90d, app due +120d, projects awarded 365d from. Act & completed w/n 3y of Act
Transportation	Highways	2.57B	CalTrans	Formula & Discretionary	09-30-10		http://www.caltrans.ca.gov/Recovery/	
Transportation	Transit	~1.06B	CalTrans	Formula & Discretionary	09-30-10		http://www.caltrans.ca.gov/Recovery/	Must use 50% of funds w/n 180s of apportionment
Transportation	Transit Capital (5307 program formula)	~968,000,000	CalTrans	Formula	09-30-10		http://www.caltrans.ca.gov/Recovery/	
Transportation	Growing States	~675,000,000	CalTrans	Formula	09-30-10		http://www.caltrans.ca.gov/Recovery/	
Transportation	Transit Capital (5311 program formula)	~34,000,000	CalTrans	Formula	09-30-10		http://www.caltrans.ca.gov/Recovery/	
Transportation	Indian Reservation Roads	~16,900,000	CalTrans	Formula	09-30-10		http://www.caltrans.ca.gov/Recovery/	
Transportation	Fixed Guideway Infrastructure	~66,000,000	CalTrans	Discretionary	09-30-10		http://www.caltrans.ca.gov/Recovery/	
Transportation	Capital Investment Grants - New Starts & Small Starts	TBD	CalTrans	Discretionary	09-30-10		http://www.caltrans.ca.gov/Recovery/	
Transportation	High Speed Rail Corridors & Intercity Rail	8B available	CalTrans	Competitive	09-30-14		http://www.caltrans.ca.gov/Recovery/	Awaiting Guidance Act + 120d
Transportation	Clean Diesel Grant Program	<1,730,000 available.	CalTrans	Competitive	02-26-09 to 04-17-09	03-06-09	http://epa.gov/otag/eparecovery/progstate.htm#program	
Water	Drinking Water State Revolving Fund	159,008,000	CA Department of Public Health	Formula	09-30-10		http://www.epa.gov/water/eparecovery/	Guidance posted 03-12, award available 30d after application received

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CATEGORY	PROGRAM	AMOUNT	RESPONSIBLE STATE AGENCY	FUNDING TYPE	FUNDING CYCLE	DEADLINE	LINK	NOTES
Water	Clean Water State Revolving Fund	280,285,800	State Water Resources Control Board	Formula	09-30-11		http://www.epa.gov/water/eparecovery/	Guidance posted 03-12, award available 30d after application received
Workforce	WIA Adult	80,117,954	Labor & Workforce Development	Formula	02-17-09 to 06-30-11		http://www.dol.gov/recovery/implement.htm	30 days to give to locals
Workforce	WIA Youth	186,622,034	Labor & Workforce Development	Formula	02-17-09 to 06-30-11		http://www.dol.gov/recovery/implement.htm	30 days to give to locals
Workforce	WIA Dislocated Worker	221,906,888	Labor & Workforce Development	Formula	02-17-09 to 06-30-11		http://www.dol.gov/recovery/implement.htm	30 days to give to locals
Workforce	Wagner-Peyser Employment Services	46,970,564	Labor & Workforce Development	Formula	02-17-09 to 06-30-11		http://www.dol.gov/recovery/implement.htm	30 days to give to locals
Workforce	Re-Employment Services	29,356,604	Labor & Workforce Development	Formula	09-30-10		http://www.dol.gov/recovery/implement.htm	30 days to give to locals
Workforce	Other	17,613,960	Labor & Workforce Development				http://www.dol.gov/recovery/implement.htm	30 days to give to locals
Workforce	YouthBuild	50,000,000 available	none - Federal: Dept. of Labor	Competitive	06-30-10		http://www.dol.gov/recovery/implement.htm	
Workforce	High Growth/Green Jobs (Energy & Health Care)	750,000,000 available	none - Federal: Dept. of Labor	Competitive	06-30-10		http://www.dol.gov/recovery/implement.htm	
Workforce	National Emergency Grants	200,000,000 available	none - Federal: Dept. of Labor	Application	06-30-10		http://www.dol.gov/recovery/implement.htm	
Workforce	Senior Community Service Employment Program (SCSEP)	120,000,000	CA Dept. of Aging				http://www.dol.gov/recovery/implement.htm	